

BOSANSKOHERCEGOVACKO-AMERICKA
AKADEMIJA UMJETNOSTI I NAUKA



BOSNIAN-HERZEGOVINIAN AMERICAN
ACADEMY OF ARTS AND SCIENCES

JUNE 23-26, 2022
SARAJEVO
BOSNIA AND HERZEGOVINA

13th days of
BHAAS

PROGRAM

**For the latest updates to the program,
please visit the conference page**





Dear friends and members of the Bosnian-Herzegovinian American Academy of Arts and Sciences,

Welcome to the 13th Days of BHAAAS in Bosnia and Herzegovina!

We have worked tirelessly for a year to bring you this impressive conference – the largest scientific event in the history of Bosnia and Herzegovina – and the time has finally arrived. All the hard work is about to pay off as we finally have the privilege to host this extraordinary gathering of hundreds of world-class experts here in Sarajevo.

Here are just some of the numbers: 16 members of the Organizing Committee coordinated with over 70 symposia chairs to put on 32 symposia in medical, technical, natural, and social sciences, sustainability, and humanities and the arts. Over 350 presentations are taking place at 4 locations over 4 days, delivered by experts from 26 countries. We are running 16 special events, workshops, and round table discussions, many of them of general interest and open to the public. We also have a special program devoted to students, as well as 4 interdisciplinary symposia and accompanying events dedicated to sustainability, the main theme of the conference. Rounding out the scientific program are several cultural events, including exhibits, book promotions, and a grand opening ceremony at Sarajevo's City Hall.

This conference was only possible because of the generosity and commitment of many people, most of all the Organizing Committee and the network of symposia chairs, editors, and reviewers who donated their time and expertise to BHAAAS and its Days. Of course, none of this would ultimately come to fruition without the financial support of our partner organizations and sponsors. We are deeply grateful that you have recognized the value and the transformative power of the work BHAAAS does.

We hope you will enjoy these four days of science and arts ahead of us. We also hope you will share your knowledge, learn something new, network, and make new friends. By doing this, we can demonstrate what true progress and real innovation looks like. Together, we can send the message that a future based on knowledge and exchange of ideas is the only way forward.

On behalf of the Organizing Committee,

Ismar Volić
BHAAAS President

BHAAAS CONFERENCE LOCATIONS



**Hotel Holiday,
Zmaja od Bosne 4,
Sarajevo**



**The Rectorate of the
University of Sarajevo,
Obala Kulina bana 7/II,
Sarajevo**



**Faculty of Economics and
Business, University of Sarajevo,
Trg oslobođenja-Alija Izetbegović 1,
Sarajevo**



**Faculty of Philosophy,
University of Sarajevo;
Franje Račkog 1,
Sarajevo**



**Museum of Literature and
Performing Arts,
Sime Milutinovića Sarajlije 7,
Sarajevo**



**Art Gallery of B&H
Zelenih beretki 8,
Sarajevo**

13th Days of BHAAAS in Bosnia and Herzegovina – Sarajevo 2022

Organizer:

Bosnian-Herzegovinian American Academy of Arts and Sciences (BHAAAS)

Date and place:

THURSDAY, 23.06.2022. - SUNDAY, 26.06.2022.

Sarajevo, Bosnia and Herzegovina

Organizing Committee:



Ismar Volje
Boston, USA



Amer Smajlić
Chicago, USA



Nina Jovanović
Sarajevo, Bosnia and Herzegovina



Ljiljana Djukanović
Lisbon, Portugal



Maja Andrićanović - Kalajdžić
Sarajevo, Bosnia and Herzegovina



Tijana Tufek Memirić
Chicago, USA



Nada Ademović
Sarajevo, Bosnia and Herzegovina



Samir Avšaković
Sarajevo, Bosnia and Herzegovina



Zoran Aksentić
Amherst, USA



Svetlana Bulović
New York, USA



Boanka Kopecki
Quebec, Canada



Slavodan Radosavljević
Quebec, Canada



Adis Elisa Pejić
Brisbane, Australia



Amir Milic
Sarajevo, Bosnia and Herzegovina



Slavica Hrnkoš
Zenica, Bosnia and Herzegovina



Lejla Tahirović
Sarajevo, Bosnia and Herzegovina



Lejla Čomo
Sarajevo, Bosnia and Herzegovina

Official languages: B/H/S and English

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BRONZE



Grad Goražde



FRIENDS





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FRIDAY

• **JUNE 24TH 2022**

HOTEL HOLIDAY

- International Symposium in Physical Medicine and Rehabilitation – Room UNA
- 2nd International Conference on Life Science – Room DRINA
- International Symposium in Breast Cancer – Room DRINA
- International Symposium in Dermatology and Venerology – Room NERETVA
- International Symposium in Neurology I – Room NERETVA
- International Symposium in Oncology, Hematology and Pathology – Room VRBAS
- International Symposium in Pediatrics I – Room SARAJEVO
- International Symposium in Mental Health in Children and Adolescents – Room HOLIDAY

INTERNATIONAL SYMPOSIUM IN PHYSICAL MEDICINE AND REHABILITATION

ROOM UNA



SYMPOSIUM CHAIR(S):

Emela Mujić Skikić (UAE), Amra Šarić (CAN),
Dijana Avdić (BiH)

PARTICIPANTS:

The symposium is intended for all professions,
specialists from various fields and students.

8:30 – 9:00 Rehabilitation after COVID -19: An Overview of Recommendations

Amra Šarić, Dalhousie University, Halifax, NS, Canada/ BHAAAS, QEII Health Science Center, Division of PM&R, Department of Medicine

9:00 – 9:30 Telerehabilitation in physiotherapy of musculoskeletal disorders

Dijana Avdić, University of Sarajevo-Faculty of Health Studies, BiH

9:30 – 10:00 Regenerative Medicine-Is the pharmacy in our body

Suad Trebinjac, Czech Rehabilitation Hospital, Al Ain, UAE

10:00 - 10:30 COFFEE BREAK

SECTION 2

10:30 – 11:00 Pelvic Floor Dysfunction and Management

Emela Skikić-Mujić, Dubai Health Authority, Rashid Hospital, PMR Department, Dubai, UAE/BHAAAS

11:00 – 11:20 Role of Physiotherapy in Pelvic Floor Dysfunctions

Michelle Lobo, Dubai Health Authority, Rashid Hospital, PMR Department, Dubai, UAE

11:20 – 11:30 The Impact of Chronic Pain on Depression in Patients Suffering from Gonarthrosis

Nataša Milenović, Faculty of Medicine, University of Novi Sad, Serbia

11:30 – 11:40 Effectiveness of Lumbar traction therapy in the treatment of Low Back Pain Symptoms: A Systematic Review

Edina Tanović, Clinical Center University of Sarajevo, Clinic for Physical Medicine and Rehabilitation, BiH

11:40 – 11:50 Our Experience in Treatment of Lymphoedema

Sabina Šarić, Public Institution Medical Center of Canton Sarajevo, Community Based Rehabilitation Centre CBR – Saraj Polje, BiH

11:50 – 12:00 Quality of Life in People with Chronic Low Back Pain

Nataša Milenović, Faculty of Medicine, University of Novi Sad, Serbia

12:00 – 12:30 Cannabis, cannabinoids, and cannabis-based medicine – the who, what, where why and when

Emily Sheppard, Dalhousie University, Halifax, NS, Canada, Department of Medicine, Division of Physical Medicine and Rehabilitation

12:30-13:30 LUNCH

SECTION 3

13:30 – 14:30 Evidence-based approach to the assessment and training of wheelchair skills:

Relevance to wheelchair service providers in Bosnia and Herzegovina

Ronald Lee Kirby, Dalhousie University, Halifax, Nova Scotia, Canada, Department of Medicine, Division of Physical Medicine and Rehabilitation

14:30 – 15:00 A Review of Paroxysmal Sympathetic Hyperactivity After Acquired Brain Injury

Amra Šarić, Dalhousie University, Halifax, Canada/BHAAAS, QEII Health Science Center, Division of PM&R, Department of Medicine

15:00 – 15:30 COFFEE BREAK

SECTION 4

15:30 – 16:00 Tendinopathy – Evidence Based Management

Abdulhameed Alattar, Dubai Health Authority, Rashid Hospital, PMR Department, Dubai, UAE

16:00 – 16:30 Adaptive Sport Medicine

Alex Whelan, Dalhousie University, Halifax, Canada, QEII Health Science Center, Division of PM&R, Department of Medicine, Paul Tingley, Active Living & Recreation Consultant, Nova Scotia, Paralympian, Paul Tingley, Active Living & Recreation Consultant, Nova Scotia, Paralympian

16:30 – 17:30 Panel discussion – Paralympics in Bosnia and Herzegovina – achievements and challenges

2nd INTERNATIONAL CONFERENCE ON LIFE SCIENCE

ROOM DRINA



SYMPOSIUM CHAIR(S):

Amina Hrković Porobija (BiH), Emira Hukić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:40 Opening remarks
Amina Hrković Porobija (chair)

8:40 – 9:00 Blood biochemistry, histology and metabolomics in Chernobyl Northern Pike (Esox Lucius)
Selma Hurem, keynote speaker, Faculty of Veterinary Medicine, Norwegian University of Life Sciences, Norway

9:00 – 9:20 Increased productivity in response to improved immune status in Lika pramenka sheep
Branimir Špoljarić, keynote speaker, Faculty of Veterinary Medicine, University of Zagreb, Croatia

9:20 – 9:30 On-farm welfare assessment in pigs
Anamaria Ekert Kabalinić, Faculty of Veterinary Medicine, University of Zagreb, Croatia

9:30 – 9:40 Nutritonal benefits of donkey's milk
Amina Hrković Porobija, Faculty of Veterinary Medicine, University of Sarajevo, BiH

9:40 – 9:50 Peregrinis animalibus
Group of authors, Faculty of Veterinary Medicine, University of Sarajevo, BiH

9:50 – 10:00 Climate impacts on vectors
Jasmin Durović, Faculty of Veterinary Medicine, University of Sarajevo, BiH



10:00 – 10:30 COFFEE BREAK

10:30 – 10:50 A novel approach for simultaneous detection of the most common food-borne pathogens by multiplex qPCR (will be presented by Aida Glavinić)
Emir Hodžić, keynote speaker, University of California, Davis, USA

10:50 – 11:00 Designing a Multi-epitope mRNA Vaccine for Tuberculosis with a Focus on Putative Mycobacterial Persistency-associated Proteins, ESAT6 and a Vault-based Vaccine Delivery System
Dženan Kovačić, International Burch University, BiH

11:00 – 11:10 Period-doubling and Neimark-Sacker bifurcations of a Beddington host-parasitoid model with hostrefuge effect
Džana Drino, Faculty of Science, University of Sarajevo, BiH

11:10 – 11:20 Development of interactive digital atlas as learning tool in veterinary anatomy
Maid Junuzović, Faculty of Veterinary Medicine, University of Sarajevo, BiH

11:20 – 11:30 Sanitary felling in the forests managed by JKP "Sarajevo-šume" d.o.o. Sarajevo
Round-table on Transdisciplinarity in landscape architecture
Damir Prlića, Faculty of Forestry, University of Sarajevo, BiH

ROUND-TABLE ON TRANSDISCIPLINARITY IN LANDSCAPE ARCHITECTURE

11:30 – 11:40 Opening and moderating the Round table „Transdisciplinarity in landscape architecture profession and education in Bosnia and Herzegovina“
Emira Hukić, Dr. sci. Faculty of Forestry, University of Sarajevo, B&H

11:40 – 12:00 Transdisciplinarity in landscape architecture
Ellen Fetzer, PhD keynote speaker, Faculty Environment Design Therapy, International Master of Landscape Architecture HfWU Nürtingen-Geislingen, Germany

12:00 – 12:20 Action-based research: An attempt to synergize urban & landscape teaching, research and practice
Haris Piplaš, Dr.sc. ETH Co-Director Integrated Urban Solutions Global, Drees&Sommer; Lecturer in Smart City Solutions, Stuttgart University of Applied Sciences, Switzerland

12:20 – 12:30 Transdisciplinarity in landscape architecture profession and education in Bosnia and Herzegovina
Emir Hasanagić, MSc. Association of Landscape Architects in Bosnia and Herzegovina, BiH

12:30 – 12:40 Transdisciplinarity in landscape architecture profession and education in Bosnia and Herzegovina
Amila Brajić, MSc. Faculty of Forestry, University of Sarajevo, BiH

12:40 – 13:00 Transdisciplinarity in landscape architecture profession and education in Bosnia and Herzegovina
Sanela Klarić, Dr. sci. International Burch University, BiH



13:00 – 13:30 LUNCH

INTERNATIONAL SYMPOSIUM IN BREAST CANCER

ROOM DRINA

SYMPOSIUM CHAIR(S):

Dr. Lejla Hadžikadić Gusic MD, MSc, FACS (USA),
Co-Director Sandra Levine

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

13:30 – 13:40 **Introduction**

Dr. Lejla Hadžikadić Gušić (Levine Cancer Institute/Atrium Health, USA)

13:40 – 14:00 **Genetic Considerations for the Young Woman**

Anela Zorlak ("Genetika" Sarajevo, BiH)

14:00 – 14:20 **Medical Oncology Advances and Clinical Trial Data for Young Women with Breast Cancer**

Dr. Timur Ceric (Sarajevo, BiH)

14:20 – 14:40 **Surgical Considerations for Young Women with Breast Cancer**

Dr. Lejla Hadžikadić Gušić (LCI, USA)

14:40 – 15:00 **Radiation Oncology Advances for Young Women with Breast Cancer**

Dr. Inga Marijanović (Mostar, BiH)

15:00 – 15:30 **COFFEE BREAK**

15:30 – 15:50 **Patient's Experience Undergoing Breast Cancer Radiotherapy**

Dr. Dušanka Tešanović (Oncology Institute of Vojvodina, Novi Sad, Serbia)

15:50 – 17:30 **Multi-Disciplinary Tumor board and Discussion**



INTERNATIONAL SYMPOSIUM OF DERMATOLOGY AND VENEREOLOGY

ROOM NERETVA

SYMPOSIUM CHAIR(S):

Amra Osmančević (BiH), Zoran Vrućinić (BiH),
Nermin Šehić, MD(BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 9:00 **New Therapies for Psoriasis and Atopic Dermatitis,**

Tore Särnhult, MD, Senior consultant at Dermatology Clinic Kungsbacka, Sweden – a hot topic

9:00 – 9:15 **Vitamin D in Atopic Dermatitis,**

Andrea Elmelid, MD, Department of Dermatology and Venereology, Falu Hospital, Falun, Sweden

9:15 – 9:30 **Tomorrow Medicine,**

Zoran Vrućinić, MD, PhD, International Dialysis Center Banja Luka, Bosnia and Herzegovina

9:30 – 9:45 **Overview of Mohs Micrographic Surgery,**

Nermin Šehić, MD, 1,2, 1Healthcare Center Tuzla, Emergency Department, Tuzla, Bosnia and Herzegovina,
2University Clinical Center Tuzla, Dermatovenereology Clinic, Tuzla, Bosnia and Herzegovina

9:45 – 10:00 **Discussion**



10:00 – 10:30 **COFFEE BREAK**

10:30 – 10:45 **Incontinentia Pigmenti-an update,**

Snežana Minić, Professor at the Faculty of Medicine, University of Belgrade, Serbia

10:45 – 11:00 **Drug reactions in the skin,**

Zoran Todorović, Professor at the Faculty of Medicine, University of Belgrade, Serbia

11:00 – 11:15 Contact Allergy-Patch Testing According to the Swedish Guidelines,
Naida Babić Mulić, Pharmacist, Region Västra Götaland, Sahlgrenska University Hospital, Department of Dermatology and Venereology, Gothenburg, Sweden

11:15 – 11:30 Skin Manifestations Related to COVID-19 Infection,
Amra Osmančević, Associate Professor, 1,2 1Department of Dermatology and Venereology, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, 2Region Västra Götaland, Sahlgrenska University Hospital, Department of Dermatology and Venereology, Gothenburg, Sweden

11:30 – 11:45 BCG Scar Reactivation Following COVID-19 mRNA Vaccine,
Jovana Majstorović, MD, Derma Style, Dermatovenereology Clinic, Belgrade, Serbia

11:45 – 12:00 Post COVID-19 Eruption of Psoriasis Guttata and Pitiriasis Rosea in Siblings,
Jovana Majstorović, MD, Derma Style, Dermatovenereology Clinic, Belgrade, Serbia

12:00 – 12:30 Discussion and closing session

12:30 – 13:00 LUNCH



INTERNATIONAL SYMPOSIUM IN NEUROLOGY I

ROOM NERETVA

SESSION ONE

16:00 – 16:10 Welcome message
Enra Mehmedika Suljić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina),
Aida Šehić Kantardžić (Clinical and Surgical Neurophysiological Monitoring, Louisville, KY, USA)

16:10 – 16:30 Vagal nerve stimulation (VNS) in the treatment of drug resistant epilepsy
Dragoslav Sokić (University Clinical Centre of Serbia) Invited speaker

SESSION: DEMYELINATING DISEASES

Moderators: Enra Mehmedika Suljić (Sarajevo, BiH), Silva Butković Soldo (Osijek, Croatia)

16:30 – 16:45 Multiple sclerosis during COVID-19 pandemic
Enra Mehmedika Suljić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

16:45 – 17:00 Understanding and measurement strategies in multiple sclerosis progression
Selma Šabanagić Hajrić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

17:00 – 17:15 The importance of spinal lesions in monitoring the progression of multiple sclerosis
Naida Spahović, Deniz Bulja, Odej Ali Abud, Maida Nikšić, Enra Mehmedika-Suljić, Sandra Veger-Zubović, Selma Milišić (Department of Radiology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

17:15 – 17:30 Serum neurofilament as a biomarker of disease activity and treatment success in patients with multiple sclerosis
Admir Mehicić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

17:30 – 17:45 Cognitive impairment in patients with multiple sclerosis
Aida Šehanović (Department of Neurology, University Clinical Center Tuzla, Bosnia and Herzegovina)

17:45 – 17:55 Sponsored lecture Roche

SYMPOSIUM CHAIR(S):

Enra Mehmedika Suljić (BiH), Aida Šehić Kantardžić (USA)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

INTERNATIONAL SYMPOSIUM IN ONCOLOGY, HEMATOLOGY AND PATHOLOGY

ROOM VRBAS

SYMPOSIUM CHAIR(S):

Ermina Iljazović (BiH), Gordan Srkalović (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

 8:30 – 8:35 **Greetings**

Ermina Iljazović (University Clinical Center, Tuzla, BiH, BHAAAS)
Gordan Srkalović (Sparrow Hospital System, Lansing, USA, BHAAAS)

 8:35 – 9:00 **Genomics of Acute Myelogenous Leukemia**
(Jarosław Maciejewski, Cleveland Clinic Foundation, Cleveland, USA)

 9:00 – 9:30 **Genomics of Non Hodgkin's Lymphoma**
(Thomas Habermann, Mayo Clinic Foundation, Rochester, USA)

 9:30 – 10:00 **Genomics of Multiple Myeloma**
(Gordan Srkalović, Sparrow Hospital System, Lansing, USA, BHAAAS)

 10:00 – 10:30 **COFFEE BREAK**

 10:30 – 11:00 **Present Landscape of Multiple Myeloma Treatment**
(Saad Usmani, Memorial Sloan Kettering Cancer Center, New York, USA)

 11:00 – 11:30 **Genomics of Myeloproliferative Diseases**
(Amina Kozarić, University Clinical Center, Sarajevo, BiH)

 11:30 – 12:00 **Minimal Residual Disease (MRD) in Acute Myelogenous Leukemia: Detection, ELN Recommendation and Molecular Monitoring**
(Semir Mešanović, University Clinical Center, Tuzla, BiH)

 12:00 – 12:30 **Complete mesocolic excision**
(Emir Pinjo, Hospital of Oslo, Oslo, Norway, BHAAAS)

 12:30 – 13:00 **LUNCH**

 14:00 – 14:30 **Present Landscape of Acute Myelogenous Leukemia Treatment**
(Harry Erba, Duke University Medical School, Durham, USA)

 14:30 – 15:00 **Genomics of Myelodysplastic Syndrome**
(Harry Erba, Duke University Medical School, Durham, USA)

 **Discussion and Closing Remarks**
Ermina Iljazović (University Clinical Center, Tuzla, BiH, BHAAAS)
Gordan Srkalović (Sparrow Hospital System, Lansing, USA, BHAAAS)

 15:00 – 15:30 **COFFEE BREAK**

INTERNATIONAL SYMPOSIUM IN PEDIATRICS I

ROOM SARAJEVO



SYMPOSIUM CHAIR(S):

Amina Smajlović (BiH), Feriha Hadžagić Čatibušić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

SESSION ONE

11:00 – 11:10 Opening Remarks and Welcome

Feriha Hadžagić – Čatibušić (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)
Amina Smajlović (Nationwide Children's Hospital/Ohio State University, Columbus, Ohio, USA/BHAAAS)

11:10 – 11:30 Congenital Cytomegalovirus Infection

Hajrija Maksić, Emin Vukas, Amila Sidran, Zinka Husenibegović, Amina Hadžimuratović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

11:30 – 11:50 Predictive Value of Biochemical Markers in Prognosis of Cooled Newborns Following Perinatal Asphyxia

Emina Vukas – Salihbegović, Sabina Terzić, Verica Mišanović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

11:50 – 12:10 Electrical Status Epilepticus During Slow Wave Sleep (ESES) – Causes, Clinical Picture, Diagnosis, Therapy – Our Experiences

Emina Bajramali – Zaimović, Emira Gasal – Gvozdenović (Department of Pediatrics, Cantonal Hospital Zenica, Zenica, BiH)

12:10 – 12:30 Success of Treatment of Idiopathic Thrombocytopenia with Revolade (Eltrombopag)

Lejla Pilav, Meliha Sakić, Sanel Čekić – Hajdarpašić, Tatjana Šimšić, Nermana Čengić – Šehaganović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

12:30 – 13:30 LUNCH



13:30 – 14:00 Overview of COVID – 19 Pandemic Impact on Children

Amina Smajlović (Nationwide Children's Hospital, Ohio State University, Columbus, Ohio, USA/BHAAAS)

14:00 – 15:00 Myocarditis in Children With COVID – 19

Allison Divanović (Cincinnati Children's Hospital Medical Center, University of Cincinnati, Cincinnati, Ohio, USA) On – line Zoom Presentation Invited Speaker



15:00 – 15:30 COFFEE BREAK

15:30 – 16:00 Multisystem Inflammatory Syndrome in Children Related to COVID 19

Diana Milojević (Department of Pediatric Rheumatology, Johns Hopkins All Children's Hospital, St. Petersburg, Florida, USA/BHAAAS) Invited Speaker

16:00 – 16:20 Clinical, Therapeutic and Outcome Features of Single Tertiary Pediatric Center Cohort of 31 Patients With Multisystem Inflammatory Syndrome in Children – Observational Study

Velma Selmanović, Adisa Čengić, Aida Omerčahić – Dizdarević, Almira Kadić, Mirza Halimić, Zijo Begić, Semra Cepić – Kapić, Selma Dizdar, Verica Mišanović, Duško Anić, Irminka Sefić – Pašić, Melika Bukvić, Amra Đanjanović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

16:20 – 16:40 COVID 19 and Diabetes in Children

Orhana Grahić – Mujčinović, Elma Smajlović, Sibila Tabaković, Aida Avdić (Department of Pediatrics, Cantonal Hospital Zenica, Zenica, BiH)

16:40 – 17:00 Mutation V617F JAK2 Gene in the Diagnostic Confirmation of Polycythemia and Budd Chiari Syndrome

Lejla Pilav, Meliha Sakić, Sanel Čekić – Hajdarpašić, Tatjana Šimšić, Nermana Čengić – Šehaganović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

INTERNATIONAL SYMPOSIUM IN MENTAL HEALTH IN CHILDREN AND ADOLESCENTS

ROOM HOLIDAY



SYMPOSIUM CHAIR:

Emira Švraka (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

08.30 – 08.45 History of Child and Adolescent Psychiatry in USA

Amer Smajkic (Chicago, USA)

08.45 – 09.00 Interdisciplinary Re/habilitation Team of Children and Adolescents with Developmental and Intellectual Disabilities

Emira Švraka (Sarajevo, BiH)

09.00 – 09.15 The Use of Electronic Media - A New Addiction

Prof. dr Zarema Obradović (Sarajevo, BiH)

09.15 – 09.30 Internet Addiction Among Young People

Nerma Mujčinović (Zenica, BiH)

09.30 – 09.45 Play Therapy Centered on Child with Disharmonic Development

Tatjana Marković-Basara, Ivana Kundačina, Nikola Mikić, Minja Budalić, Mira Spremo (Banja Luka, BiH)

09.45 – 10.00. Mental Difficulties of Beneficiaries of the Institute for Upbringing Male Children and Adolescents Sarajevo – Hum

Rasema Okić (Sarajevo, BiH)

10:00 – 10:30 COFFEE BREAK



10.30 – 10.45 Mental Health and Spine Deformities in Adolescents,

Elizabeta Popova Ramova (Skopje, Severna Makedonija) ONLINE

10.45 – 11.00 Assessment of Disability of Children and Adolescents

Fehma Kovač (Sarajevo, BiH)

11.00 – 11.15. Lockdown Life: The Mental Health of Children and Adolescents in Covid-19

Minja Budalić, Tatjana Marković-Basara, Ivana Kundačina, Nikola Mikić, Mira Spremo (Banja Luka, BiH)

11.15 – 11.30 Covid 19 - Problems in Children and Adolescenats

Azra Arnautović (Tuzla, BiH)

11.30 – 11.45 The Impact of Multiple Traumatic Events on Adolescents Behavior

Ivana Kundačina, Tatjana Marković-Basara, Nikola Mikić, Minja Budalić, Mira Spremo (Banja Luka, BiH)

11.45 – 12.00 Correlation Between Limited Mobility of the Cervical Spine in Adolescents Student Population and Postural and Psychological Reactions

Kenan Galijašević, Emira Švraka

12.00 – 12.15 Epigenetic Processes and the Role of MicroRNA in Anxiety Disorders

Mladen Cimeša, Ilija Tomić, Aleksandra Jović, Jovana Despotović, Marija Savić

12.15 – 12.30 Discussion or if anyone is missing we will present Documentary film:

Visible and Active in the Community.

Cerebral Palsy Association of Federation of Bosnia and Herzegovina.



12:30 – 13:30 LUNCH



FRIDAY

JUNE 24TH 2022

FACULTY OF ECONOMICS

- Civil Engineering - Floor III - Room 4
- Geodesy and Geoinformatics - Floor III - E-net Centre
- Data Science and Geographic Information System - Floor III - E-net Centre
- Computer Science and Artificial Intelligence - Floor III - E-net Centre small
- Hunting and Agroforestry in the Context of Climate Change and Sustainable Management - Floor II - Room PDS2

CIVIL ENGINEERING

ROOM 4

SYMPORIUM CHAIR(S):

Naida Ademović (BiH), Emina Hadžić (BiH),
Ammar Šarić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:45 Vulnerability of residential buildings in Sarajevo, BiH
Naida Ademović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina/BHAAAS)

8:45 – 9:00 Predicting the seismic performance of typical R/C residential buildings
Marsed Leti (EPOKA University, Faculty of Architecture and Engineering, Albania)

9:00 – 9:15 Investigation of the behavior of a reinforced concrete carcass structure according to two separate earthquake regulations in Siirt region
Abdulhalim Karaşin (Dicle University, Department of Civil Engineering, Turkey)

9:15 – 9:30 A Study on Damages in Masonry Structures and Determination of Damage Levels in the 2020 Sivrice (Elazığ) Earthquake
Ali Emre Ulu (Bitlis Eren University, Turkey and Dicle University Institute of Science, Turkey)

9:30 – 9:45 Combined use of Standard Penetration Test and Shear Wave Velocities in Liquefaction Analysis: Çanakkale Example
Onur Eyisuren (Çanakkale Onsekiz Mart University, School of Graduate Studies, Turkey)

9:45 – 10:00 The Comparison of Seismic and Structural Parameters in Steel Structures for Different Spectra
İbrahim Baran Karaşin (Dicle University, Turkey)

10:00 – 10:30 COFFEE BREAK

10:30 – 10:45 Integrity and Resilience of Structures and Infrastructures Under Extreme Transient Loads
Naida Ademović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina/BHAAAS)

10:45 – 11:00 Linear Buckling Analysis of Structures on the Elastic Support
Emina Hajdo (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

11:00 – 11:15 Modeling of Water Self-Purification in Rivers
Hata Milišić (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

11:15 – 11:30 Modeling Steps for Dynamic Simulation of Wastewater Treatment Processes
Alma Džubur (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

11:30 – 11:45 Settling Time Using 3D Smoothed Particle Hydrodynamics Model
Haris Kalajdžisalihović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

11:45 – 12:00 Septic Tanks as Small Municipal Sewage Treatment Plants or Part of Small Municipal Sewage Treatment Plants
Mario Krzyk (University of Ljubljana, Faculty of Civil and Geodetic Engineering, Slovenia)

12:00 – 12:15 Landfill Covering and Management of Leachate Production
Amra Serdarević (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

12:15 – 12:30 Determination the Magnitude of Riverbed Spatial Deformation Caused by Hydrological-Hydraulic and Anthropogenic Influences
Nerma Lazović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

12:30 – 13:30 LUNCH

13:30 – 13:45 New Approach for Increasing Discharge of Sluice Gate by a Deep Sluice
Ali Emre Ulu (Bitlis Eren University and Dicle University Institute of Science, Turkey)

13:45 – 14:00 A Model for Predicting Road Roughness: Case Study in Bosnia And Herzegovina
Mirza Pozder (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

14:00 – 14:15 Flood Risk Analysis onThe Rail Network at Federation of Bosnia And Herzegovina
Suada Sulejmanović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

14:15 – 14:30 The Influence of Deflection Measurement Interval on Structural Number of Pavement Structure
Mirza Pozder (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

14:30 – 14:45 Modern Thermal Insulation And Sound Insulation Materials
Berina Sejdinović (University of Zenica, Bosnia and Herzegovina)

14:45 – 15:00 Q&A



15:00 – 15:30 COFFEE BREAK

GEODESY AND GEOINFORMATICS

ROOM E-NET CENTRE



SYMPOSIUM CHAIR(S):

Medžida Mulić, (BiH), Džana Halilović, (BiH),
Randa Natraš, (Germany)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

9:00 – 9:05 Welcoming words (symposium chairs)

9:05 – 9:45 Combination of space-geodetic observation techniques for ionosphere modeling and space weather research (invited talk)
apl. Prof. Dr. Michael Schmidt, Deutsches Geodätisches Forschungsinstitut der Technischen Universität München (DGFI-TUM), Germany; Invited speaker

9:45 – 10:00 Mid-latitude Ionosphere Variability (2013 - 2016), and Space Weather Impact on the VTEC and Precise Point Positioning
Randa Natraš, Deutsches Geodätisches Forschungsinstitut der Technischen Universität München (DGFI-TUM), Germany



10:00 – 10:30 COFFEE BREAK

10:30 – 10:45 Earth rotation and its parameters
Džana Halilović, Vienna University of Technology, Department of Geodesy and Geoinformation, Austria

10:45 – 11:00 Snow cover estimation using Sentinel-2 high spatial resolution data. A case study: National Park Šar Planina (Serbia)
Stojković Stefanija, University of Novi Sad, BioSense Institute - Research and Development Institute for Information Technologies in Biosystems, Serbia

11:00 – 11:15 Impact of climate change on infrastructure, population, settlements, and the adaptation measures in Vjosa Basin
Sonila Papathimi, University of Tirana, Faculty of History and Philology, Tirana, Albania

11:15 – 11:30 Comparison and analysis of two UAVs 3D models of medium and high quality
Jasmin Ćatić, Federal Administration for Geodetic and Real Property Affairs, Sarajevo, Bosnia and Herzegovina

11:30 – 11:45 Total station validity indicators and determination of compliance with manufacturer's characteristics
Sanja Tucikesić, University of Banja Luka, Faculty of Architectures, Civil Engineering, and Geodesy

11:45 – 12:00 Kalman filtering in the car navigation using the mobile application GPSLogger
Muamer Đidelija, University of Sarajevo - Faculty of Civil Engineering, Bosnia and Herzegovina

12:00 – 12:15 Effects of Kalman filter in pedestrian navigation by smartphone
Nedim Kulo, University of Sarajevo - Faculty of Civil Engineering

12:15 – 12:30 Velocities estimations based on GNSS BIHPOS data for geodynamics
Slavica Matić, GBM Group, Sarajevo, Bosnia and Herzegovina



12:30 – 13:30 LUNCH

13:30 – 13:45 PPP method and CROPOS network in the assessment of kinematic effects and permanent displacement of December 2020 Petrinja earthquakes' (invited talk)
Danijel Šugar, University of Zagreb – Faculty of Geodesy, Croatia

DATA SCIENCE AND GEOGRAPHIC INFORMATION SYSTEM

ROOM E-NET CENTRE

SYMPOSIUM CHAIR(S):

Almir Karabegović (BiH), Mirza Ponjavić (BiH),
Jasminka Hasić Telalović (BiH)

PARTICIPANTS:

The symposium is intended for all professions,
specialists from various fields and students.



12:30 – 13:30 LUNCH

13:45 – 13:50 **Introductory word**

13:50 – 14:10 **Center for Disease Control and GeoHealth Studies**

Mirsada Hukić (Academy of Sciences and Arts of Bosnia and Herzegovina) Invited speaker

14:10 – 14:30 **Cartographic support in crisis management**

Robert Župan (University of Zagreb, Faculty of Geodesy, Croatia) Invited speaker

14:30 – 14:45 **Modernization courses in field of geoinformatics based on business – academia cooperation**

Almir Karabegović (University of Sarajevo-Faculty of Electrical Engineering, Bosnia-Herzegovina / BHAAAS)

14:45 – 15:00 **Investigation of the role of the microbiome in the development of Alzheimer's disease using machine learning techniques**

Jasminka Hasić Telalović (Sarajevo School of Science and Technology, Department of Computer Science, Bosnia-Herzegovina)



15:00 – 15:30 COFFEE BREAK

15:30 – 15:45 **Data science of microbiome: Does gender matter?**

Jasminka Hasić Telalović (Sarajevo School of Science and Technology, Department of Computer Science, Bosnia-Herzegovina)

15:45 – 16:00 **Comparison of methods of prediction of heavy metals in the soil using R**

Džanina Omičević (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

16:00 – 16:15 **Experience Krka - Interactive 3D Tourist Map of the Krka National Park**

Vesna Poslončec-Petrić (University of Zagreb, Faculty of Geodesy, Croatia)

16:15 – 16:30 **Application of information technologies in the assessment of trends in land cover for tracking progress towards voluntary Land Degradation Neutrality (LDN) targets**

Melisa Ljusa (University of Sarajevo-Faculty of Agriculture and Food Sciences, Bosnia-Herzegovina)

16:30 – 16:45 **Classification of agricultural areas according to 4-level of CORINE Land Cover nomenclature**

Hamid Čustović (University of Sarajevo-Faculty of Agriculture and Food Sciences, Bosnia-Herzegovina)

16:45 – 17:15 **Discussion and Closing**

COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

ROOM E-NET CENTRE SMALL



10:00 – 10:30 COFFEE BREAK

10:30 – 10:50 **Analysis of Neuroevolution for Feedforward Neural Networks**
Kemal Marić (Faculty of Information Technologies, Džemal Bijedić University, Bosnia and Herzegovina)

10:50 – 11:10 **Prediction of Real Estate Market prices with Regression Algorithms**
Lamija Lemeš (Faculty of Electrical Engineering, University of Sarajevo, Bosnia and Herzegovina)

11:10 – 11:30 **Predicting the Value of Cryptocurrencies using Machine Learning Algorithms**
Amila Zunić, (School of Economics and Business, University of Sarajevo, Bosnia and Herzegovina)

11:30 – 11:50 **Adaptive Traffic Management Systems Based on the Internet of Things (IoT)**
Nazif Salihović (Faculty of Traffic and Communications, University of Sarajevo, Bosnia and Herzegovina)

11:50 – 12:10 **Serendipity-Oriented Clustering Method for Recommender Systems Based on Collaborative Filtering**
Edip Senyurek (Faculty of Engineering and Natural Sciences, International Burch University, Bosnia and Herzegovina, and Vistula University, Poland)

12:10 – 12:30 **Mixed martial arts bout prediction using artificial intelligence**
Nedim Ćenanović (Faculty of Engineering and Natural Sciences, International Burch University, Bosnia and Herzegovina)



12:30 – 13:30 LUNCH

HUNTING AND AGROFORESTRY IN THE CONTEXT OF CLIMATE CHANGE AND SUSTAINABLE MANAGEMENT

ROOM PDS2



8:30 – 10:00 Introduction presentation



10:00 – 10:30 COFFEE BREAK



10:30 – 12:30 **Professional Presentation: Brief history of the hunting and wildlife management in the Balkans**
Mr. Mihajlo Hadži Pavlović, Mr Forestry, Serbia Republic



12:30 – 13:30 LUNCH



13:30 – 15:00 Panel discussion



15:00 – 15:30 COFFEE BREAK

15:30 – 17:30 The final words

SYMPORIUM CHAIR(S):

Jasmin Kevrić (BiH), Adnan Dželihodžić(BiH),
Dželila Mehanović (BiH)

PARTICIPANTS:

The symposium is intended for all professions,
specialists from various fields and students.



SATURDAY

JUNE 25TH 2022

HOTEL HOLIDAY

- International Symposium in Cardiovascular Medicine – Room NERETVA
- International Symposium in Ophthalmology and Visual Science with Phaco School – BIG CONFERENCE Room
- International Symposium on Orthopaedics and Traumatology – Room VRBAS
- International symposium in Neurosurgery and Spine Surgery – Room DRINA
- International Symposium in Plastic and reconstructive Surgery – Room HERCEGOVINA
- International Symposium in Family Medicine – Room SARAJEVO
- International Symposium in Pediatrics II – Room SARAJEVO
- International Symposium in Anesthesiology, Perioperative Medicine and Intensive Care Medicine – Room HOLIDAY
- International Symposium in Neurology II – Room UNA
- International Symposium on Obstetrics and Gynecology – Room NERETVICA

INTERNATIONAL SYMPOSIUM IN CARDIOVASCULAR MEDICINE

ROOM NERETVA



SYMPOSIUM CHAIR:

Edin Begić MD (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:20 – 8:30 Welcome speech

FETAL PROGRAMMING AND PEDIATRIC CARDIOLOGY - COULD IT AFFECT HEALTH STATUS IN ADULTHOOD?

(Chairperson: Edin Begić, Emir Fazlibegović)

8:30 – 8:40 Evolution of breastfeeding and COVID-19 pandemic: are we on the right track?
Milan Stanojević (Faculty of Medicine, University of Zagreb, Republic of Croatia)

8:45 – 9:00 Fetal echocardiography - the first or skipped step in cardiology
Edin Međedović (Clinic for Gynecology and Obstetrics, Clinical Center University of Sarajevo, Bosnia and Herzegovina)

9:00 – 9:15 Pediatric Cardiology and Cardiosurgery in Bosnia and Herzegovina
Zijo Begić (Pediatric Clinic, Clinical Center University of Sarajevo, Bosnia and Herzegovina)

9:15 – 9:30 Grown Up Congenital Heart - our future challenge
Mirza Halimić (Pediatric Clinic, Clinical Center University of Sarajevo, Bosnia and Herzegovina)

PREVENTION OF RISK FACTORS ASSOCIATED WITH CARDIOVASCULAR DISEASE

(Chairperson: Mevludin Mekić, Zijo Begić)

9:30 – 9:45 Risk factors for acute coronary syndrome
Damir Šećić (Faculty of Medicine, University of Sarajevo, Bosnia and Herzegovina)

9:45 – 10:00 Effect on modifiable risks associated to development and progression of cardiovascular diseases
Edin Begić (General Hospital "Prim. Dr. Abdulah Nakaš", Bosnia and Herzegovina)

10:00 – 10:30 COFFEE BREAK

10:00 – 10:15 Book presentation 1
Damir Šećić et al

10:15 – 10:30 Book presentation 2
Alden Begić et al

CONCEPT OF PREVENTING OF MAJOR ADVERSE CARDIOVASCULAR EVENTS

(Chairperson: Amer Iglica, Edin Međedović)

10:30 – 10:45 Education Of Students On Smoking During The Study ``Smoking And Health`` In Mostar
Emir Fazlibegović (Association of Cardiologists of the Herzegovina-Neretva Canton, Bosnia and Herzegovina)

10:45 – 11:00 Prevention of cardiovascular diseases: recommendations and clinical reality
Omer Manov (University Clinical Hospital Mostar, Bosnia and Herzegovina)

11:00 – 11:15 Antiplatelet therapy after percutaneous coronary intervention – where are we now?
Ivana Iveljić (Clinic for Invasive Cardiology, University Clinical Center Tuzla, Bosnia and Herzegovina)

11:15 – 11:30 Atrial stunning after cardioversion of atrial fibrillation
Harun Selimović (Cantonal Hospital Zenica, Bosnia and Herzegovina)

11:30 – 11:45 Is the severity of carotid artery stenosis associated with the number of vessels affected in coronary artery disease?
Damir Kurtagić (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

11:45 – 12:00 Effectiveness of DOAC therapy in the early treatment of deep vein thrombosis in comparison to vitamin K antagonists
Alden Begić (Clinic for Heart, Blood Vessel and Rheumatic Diseases, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

12:00 – 12:15 Optimal control of Post-Covid-19 cardiovascular symptoms
Šekib Sokolović (Clinic for Heart, Blood Vessel and Rheumatic Diseases, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)



12:15 – 12:30 **Specifics of myxoid liposarcoma vascularization from superficial femoral artery: diagnosis and treatment (case report)**
Amel Hadžimehmedagić (Clinic for Cardiovascular surgery, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)



12:30 – 13:30 **LUNCH**

13:30 – 13:45 **Relationship of Cardiovascular Risk Factors to Echocardiographic Findings; Stress echocardiography: from basic principles to clinical applications - Echocardiographic Workshop**
Tamara Kovačević Preradović (University Clinical Centre of the Republic of Srpska, Bosnia and Herzegovina)

13:45 – 14:00 **Prevalence of coronary artery anomalies detected by coronary CT angiography in Sarajevo Canton, Bosnia and Herzegovina**
Fuad Zukić (Clinic for Radiology, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

14:00 – 14:15 **The importance of computed tomography in preoperative planning of cardiac surgery**
Merjema Karavdić (Heart Center, Bosnia and Herzegovina)

14:15 – 14:30 **Role of ECG-Gated SPECT myocardial perfusion scintigraphy as noninvasive method in evaluation of perfusion and the left ventricular myocardial function**
Mirza Skalonja (General Hospital "Prim. Dr. Abdulah Nakaš", Bosnia and Herzegovina)

14:30 – 14:45 **Therapy with antihypertensives and biologics in pregnancy**
Mevludin Mekić (Clinic for Heart, Blood Vessel and Rheumatic Diseases, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

14:45 – 15:00 **Amiodarone and toxic effect on liver - case report**
Almin Handanagić (Cantonal Hospital Bihać, Bosnia and Herzegovina)



15:00 – 15:30 **COFFEE BREAK**

ECHOCARDIOGRAPHY IN CLINICAL PRACTICE

(Chairperson: Damir Šećić, Šekib Sokolović)

15:30 – 15:45 **Libman-Sacks endocarditis - case report**
Emina Karavelić – (General Hospital "Prim. Dr. Abdulah Nakaš", Bosnia and Herzegovina)

15:45 – 16:00 **Significance of assessment of left atrial appendage morphology and function**
Denis Mačkić (General Hospital "Prim. Dr. Abdulah Nakaš", Bosnia and Herzegovina)

16:00 – 16:15 **The importance of high-quality transthoracic echocardiography in patients with severe aortic stenosis**
Mario Ivanuša (Institute for Cardiovascular Prevention and Rehabilitation, Zagreb, Republic of Croatia)

16:15 – 16:30 **Echocardiography in heart failure**
Elnur Smajić (Clinic for Cardiology, University Clinical Center Tuzla, Bosnia and Herzegovina)

16:30 – 16:45 **Value of Echocardiography in the pharmacological treatment of patient in Intensive care unit**
Benjamin Palić (University Clinical Hospital Mostar, Bosnia and Herzegovina)

16:45 – 17:00 **The role of echocardiography in acute myocardial infarction**
Bojan Stanetić (University Clinical Centre of the Republic of Srpska, Bosnia and Herzegovina)

17:00 – 17:15 **Point-of-Care Ultrasound in Critically Ill Patients**
Amer Iglica (Clinic for Heart, Blood Vessel and Rheumatic Diseases, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

17:15 – 17:30 **The current role of echocardiography in acute aortic syndrome**
Željko Živanović (University Clinical Centre of the Republic of Srpska, Banja Luka, Bosnia and Herzegovina)

17:30 – 17:45 **Clinical differentiation of patent foramen ovale and secundum atrial septal defect**
Alen Džubur (Clinic for Heart, Blood Vessel and Rheumatic Diseases, Clinical Centre University of Sarajevo, Bosnia and Herzegovina)

17:45 – 18:00 **Isolated right-sided non-compaction cardiomyopathy - case report**
Adnan Gagula (Ilmtalklinik Pfaffenhofen, Germany)

18:00 – **Closing remarks**

INTERNATIONAL SYMPOSIUM IN OPHTHALMOLOGY AND VISUAL SCIENCE

BIG CONFERENCE ROOM

SYMPOSIUM CHAIR(S):

Doc.dr. Faruk Nišić – Chair (BiH), Mr.sci.dr. Nina Jovanović (BiH), Prof. dr. Jasmina Alajbegović-Halimić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:35 Opening of the symposium

SESSION I – BASIC PHACO

8:35 – 8:50 Introduction to "PHACO Basic"

Faruk Nišić (Eye Clinic, Clinical Center University of Sarajevo/BHAAAS)

Practical web lab session 8:50 – 12:30

20 minutes rotation (max 12-18 persons)

PHACO assistants for basic training: PHACO surgeons and certified technical personnel

PHACO surgery "My experiences and recommendations to young phaco surgeons"

Expert meeting – invited lectures

8:50 – 9:05 Admira Dizdarević (Canton Hospital Zenica, /BiH)

9:05 – 9:20 Verica Vukotić (University Eye Clinic Tuzla/BiH)

9:20 – 9:35 Mirsad Džajić (Safet Mujić Center East Mostar/BiH)

9:35 – 9:50 Irena Sesar (University Eye Clinic Mostar/BiH)

9:50 – 10:00 Discussion

10:00 – 10:30 COFFEE BREAK

FREE TOPICS

10:30 – 10:45 Refractive correction in moderate to severe Keratoconus patients
Eiad Ismail (Eye Clinic "Dr. Ismail", Sarajevo, BiH) – Invited lecture

10:45 – 11:00 Glaucoma Therapy – What to expect in future?
Sanja Sefić (Eye Practice "Dr. Sefić" Sarajevo/BiH – Invited lecture

11:00 – 11:07 A New Successful Approach for Emmetropic Presbyopic Patients Using Intrastralal Pocket with Smile Module-Long Term Follow-Up
Faruk Semiz, Anita Syla Lokaj, Njomza Hima Musa (Department of Ophthalmology, Eye Hospital, Prishtina, Kosova),
Ceren Ece Semiz (Gazi University of Medicine, Ankara, Turkey),
Zekeriya Alp Demirsoy (Yeditepe University of Medicine, Istanbul, Turkey),
Olcay Semiz (Department of Ophthalmology, Eye Hospital, Prishtina, Kosova)

11:07 – 11:14 Minimal invasive treatment of vitreomacular traction syndrome and macular rupture – case series
Emir Gorčević (Zentrum Gesundheit Gruppe – Tagesklinik Leer, Germany)

11:14 – 11:21 IgG4-related Ophthalmic Disease - Case Series Presentation and Guidelines to Diagnosis and Treatment
Renato Pejić (University Clinical Hospital Mostar, BiH),
Renata Ivezković (University Hospital Center "Sestre milosrdnice" Zagreb, Croatia),
Irena Sesar (University Clinical Hospital Mostar, BiH)

11:21 – 11:28 IOL repositioning and pupilloplasty after management of PCR and vitreous prolapse in cataract surgery
Selma Hašimbegović (General hospital „Serbia“ East Sarajevo, BiH)

11:28 – 11:35 Cylindrical astigmatism correction in premium IOL Implantation
Adnan Alryahi (Eye Clinic "Dr. Ismail", Sarajevo, BiH)

11:35 – 11:50 Matching the right patient with the right IOL
Afsun Sahin (Koc University, School of Medicine, Ophthalmology Department, Istanbul, Turkie) – Invited lecture



11:50 – 11:57 **Stroma Lenticule Implantation using Smile Surgery for Management of Stromal Herpetic Keratitis – Three Years Results**
Anita Syla Lokaj, Faruk Semiz, Njomza Hima Musa, Ceren Ece Semiz, Olcay Semiz (Department of Ophthalmology, Eye Hospital, Prishtina, Kosova)

11:57 – 12:04 **Effective Small Incision Lenticule Extraction (SMILE) Treatment of Residual Myopic Refractive Errors at Pseudophakic Patients**
Anita Syla Lokaj, Faruk Semiz, Njomza Hima Musa, Ceren Ece Semiz, Olcay Semiz (Department of Ophthalmology, Eye Hospital, Prishtina, Kosova)

12:04 – 12:12 **Influence of Dry Eye Disease on Epithelial Mapping and Corneal Parameters**
Aida Kasumović Bećirević (Eye Polyclinic "Dr. Sefić", Sarajevo, BiH),
Iva Krolo (Optical Express, Zagreb, Croatia),
Ivana Radman (Department of Ophthalmology, University Hospital Center „Sestre milosrdnice“, Zagreb, Croatia),
Maria Radman (Department of Oral Medicine, School of Dental Medicine, University of Zagreb, Croatia),
Ivan Sabol (Division of Molecular Medicine, Rudjer Bosković Institute, Zagreb, Croatia),
Zoran Vatavuk (Department of Ophthalmology, University Hospital Center „Sestre milosrdnice“, Zagreb, Croatia)

12:12 – 12:30 **Discussion**



12:30 – 13:30 **LUNCH**

13:30 – 13:37 **Mask associated dry eye (MADE) syndrome in University of Mostar students**
Dora Bagarić, Antonio Sesar, Anita Pušić Sesar, Irena Sesar, Ivan Merdžo (University of Mostar School of Medicine, BiH)

13:37 – 13:44 **Treatment of Aphakic Patients with Intrastralal Lenticule Implantation using Smile Surgery**
Faruk Semiz, Anita Syla Lokaj, Njomza Hima Musa, Ceren Ece Semiz, Olcay Semiz (Department of Ophthalmology, Eye Hospital, Prishtina, Kosova)

13:44 – 13:51 **Posttraumatic macular rupture in children**
Perić M., Hašimbegović S., Tomicić Z. (JZU "Srbija", Istočno Sarajevo, BiH i Očna bolnica "Miloš Klinika", Beograd, Srbija)

13:51 – 13:58 **AntiVEGF for treatment of retinal diseases: most frequent therapeutic procedure in modern ophthalmology**
Kenan Alryahi, Faruk Nišić (University Eye Clinic Sarajevo/BHAAS and Eye Clinic "Dr. Ismail"/BiH)

13:58 – 14:05 **Anatomical and visual outcomes of pars plana vitrectomy (PPV) in combination with internal limiting membrane peeling alone (ILM) in the surgical treatment of macular holes**
Haris Huseinagić, Nišić Faruk, Nina Jovanović (School of Medicine, University of Zenica; Eye Clinic, Clinical Center University of Sarajevo/BHAAS, Eye Department, Canton Hospital Zenica/BHAAS)

14:05 – 14:12 **Introduction of new preservative-free artificial tears**
Nina Jovanović (Eye Department, Canton Hospital Zenica, BiH/BHAAS)

14:12 – 14:20 **Discussion**

SESSION II –ADVANCED PHACO

14:20 – 14:35 **Introduction**
Faruk Nišić (Eye Clinic, Clinical Center University of Sarajevo/BHAAS)

*Introduction to practical part "Surgical management of aphakia: methods or modification" IRIS Claw Lens – Scleral tunnel fixation – Lens- Yamane
Practical web lab session 14:35 – 16:30
20 minutes rotation (max 15-16 persons)*

PHACO surgery "Vitreoretinal surgeons and PHACO surgery" (Management of complications)
Expert meeting – invited lectures

14:35 – 14:50 **Anis Medjedović** (University Eye Clinic Tuzla/BiH)

14:50 – 15:05 **Murat Hasarreisoglu** (Koc University Hospital, Istanbul/Turkie)
Cataract surgery complications



15:00 – 15:30 COFFEE BREAK

PHACO surgery "Vitreoretinal surgeons and PHACO surgery" (Management of complications)
Expert meeting – invited lectures

15:40 – 15:55 **Ivan Stefanović** (Eye Practice "Stefanovići" Beograd/Serbia)

15:55 – 16:10 **Zlatko Mušanović** ((University Eye Clinic Tuzla/BiH)

16:10 – 16:25 **Faruk Nišić** (University Eye Clinic Sarajevo/BiH/BHAAAS)

16:25 – 16:50 **Discussion**

16:40 – 17:00 **End of symposium**

INTERNATIONAL SYMPOSIUM IN ORTHOPAEDICS AND TRAUMATOLOGY

ROOM VRBAS

SYMPOSIUM CHAIR(S):

**Eldin Karaiković (USA), Senail Sivro (The Netherlands),
Mirza Bišćević (BiH), Slavko Manojlović (BiH)**

PARTICIPANTS:

The symposium is intended for all professions,
specialists from various fields and students.

OPENING REMARKS

8:30 – 8:40 **Opening remarks** - Senail Sivro (The Netherlands/BHAAAS) and Mirza Biscevic (Sarajevo, BiH)

8:40 – 8:50 Slavko Manojlović (Banja Luka, BiH):
President of the Association of Orthopedists and Traumatologists of Bosnia and Herzegovina – AOTBiH

TRAUMA

8:50 – 9:10 **Importance of ATLS Principle in Polytrauma**
Senail Sivro (Amsterdam, The Netherlands/BHAAAS)

9:10 – 9.30 **Cross-border trauma care (CBTC) and Cross-border major incident care (CBMIC)**
Boris Hreckovski, Josip Samardžić (General Hospital Slavonski Brod, Croatia)

9.30 – 9:45 **Discussion**

9:45 – 10:00 **Painful Spinal Conditions**
Mirza Bišćević (General hospital Dr. Abdulah Nakas Sarajevo, BiH)



10:00 – 10:30 COFFEE BREAK

10:30 – 10:45 **The influence of total disc arthroplasty with MobiDisc prosthesis on lumbar spine and pelvic parameters**
Aleksandar Vujadinović¹, Samir Smajić², Philippe Charles³, Axel Walter³, Ioan Bogorin³, Jean Paul Steib³
(Medical Institute Bayer, Tuzla, Bosnia and Herzegovina¹ St.Joseph Krankenhouse, Linnich, Germany²Service de Chirurgie du Rachis, Hopitaux Universitaires de Strasbourg, Strasbourg, France³)

10:45 – 11:00 **Discussion**

STATE-OF-ART REVIEWS: OSTEOPOROSIS

11:00 – 11:30 **Strategies and Efficacy of Treatment of Osteoporosis**
Alma Kulenović (Hospital Villiers Saint Denis, Château Thierry, France/BHAAAS)

11:30 – 11:50 **Obesity – A Major Risk Factor in Degenerative Spine and Knee Pathology**
Mirza Bišćević (Gradska bolnica Sarajevo)



11:50 – 12:15 Treatment of Distal Radius Fractures
Mark Gonzalez (University of Illinois, Chicago, USA)

12:15 – 12:30 Discussion

12:30 – 13:30 LUNCH



STATE-OF-ART REVIEWS: TOTAL JOINT REPLACEMENTS AND PERIPROSTHETIC INFECTIONS

13:30 – 14:00 Current Concepts in Diagnostics and Treatment of Periprosthetic Infections
Mark Gonzalez (University of Illinois, Chicago, USA)

14:00 – 14:20 Implant Choices in Primary Total Hip Replacement
Slavko Manojlović (MF Banja Luka, SC ZU Dr Manojlović, Banja Luka, BiH)

14:20 – 14:40 Surgical approach to distal femur and periprosthetic knee fractures
Enes Kanlić (Green Valley, AZ, USA/BHAAAS)

14:40:15:00 Discussion



15:00 – 15:30 COFFEE BREAK

CURRENT TRENDS IN ORTHOPAEDIC SURGERY

15:30 – 15:50 Current Trends in Arthroscopy
Adnan Cutuk (San Diego, USA)

15:50 – 16:10 Spine Navigation and Robotics in Spine Surgery
Eldin Karaiković (Chicago, USA/BHAAAS)

CASE PRESENTATIONS

16:10 – 16:20 A case of giant myxoid liposarcoma in young male: Diagnosis and treatment
Benjamin Kaknjašević, Džemil Omerović, Tarik Selimović, Amir Ahmetović, Nedim Mujanović, Amel Hadžimehmedagić (Clinic for Orthopedic Surgery and Traumatology, Clinical Center University of Sarajevo, Sarajevo, Bosnia and Herzegovina)

16:20 – 16:35 Update on Diabetic Treatment: Wound Care, Diabetic Foot and Amputations
Alma Kulenović, MD (Hospital Villiers Saint Denis, Château Thierry, France/BHAAAS)

16:35 – 17:00 Discussion

17:00 – 17:15 Closing remarks

INTERNATIONAL SYMPOSIUM IN NEUROSURGERY AND SPINE SURGERY

ROOM DRINA

8:30 – 8:45 Opening speech

Ibrahim Omerhodžić (Sarajevo BiH)
Krešimir Rotim (Zagreb, Croatia)
Kenan Arnautović (Memphis, TN, USA)

SYMPOSIUM CHAIR(S):

Ibrahim Omerhodžić (BiH), Kenan Arnautović (USA)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

ONLINE SESSION

8:45 – 9:00 The role of surgical clipping in the era of endovascular treatment

Yoko Kato, Nagoya, Japan

9:00 – 9:15 Exploring novel neurophysiological techniques to assess brain connectivity in asleep brain tumor surgery

Francesco Sala, Verona, Italy

MAIN SESSION 1

9:15 – 9:30 Cavernous sinus surgery in the era of radiosurgery

Luis Borba, São Paulo, Brasil

9:30 – 9:45 How simplicity trumps complexity in modern skull base surgery

Imad Kanaan, Riyadh, Saudi Arabia

9:45 – 10:00 Intraventricular tumors: emerging trends, challenges and surgical strategies

Maurizio Iacoangeli, Denis Aiudi, Alessio Iacoangeli, Maurizio Gladi, Ancona, Italy



10:00 – 10:30 COFFEE BREAK

MAIN SESSION 2

10:30 – 10:45 Role of endoscopic third ventriculostomy in the treatment of posterior fossa tumors in children

Nasser El-Ghandour, Cairo, Egypt

10:45 – 11:00 Beyond the pillars of Hercules: the navigation of the cerebral aqueduct

Alberto Feletti, Verona, Italy

11:00 – 11:15 Hybrid treatment of MCA aneurysms

Krešimir Rotim, Zagreb, Croatia

11:15 – 11:30 Unusual CSF disorders: Negative pressure hydrocephalus and idiopathic intracranial hypertension - possible etiology and treatment

Asim Mujić, Hobart, Australia

MAIN SESSION 3

11:30 – 11:40 Paraganglioma of skull base: tailoring the management

Luis Borba, São Paulo, Brasil

11:40 – 11:50 Hybrid use of endoscopy in skull base surgery

Imad Kanaan, Riyadh, Saudi Arabia

11:50 – 12:00 Multidisciplinary team approach in the management of neurovascular pathologies

Ihsan Solaroglu, Istanbul, Turkey

12:00 – 12:10 Iatrogenic nerve injuries

Lukas Rasulić, Belgrade, Serbia



12:10 – 12:20 The refined craft of lateral skull base surgery: subtleties and blunders with particular consideration on vestibular neurectomy for intractable Meniere Disease and microvascular decompression
(Fabio Greco, Maurizio Iacoangeli, Maurizio Gladi, Fabrizio Salvinelli, Ancona and Rome, Italy)

12:20 – 12:30 A short history of spinal surgery
(Bruno Splavski and Boris Božić, Zagreb, Croatia)



12:30 – 13:30 LUNCH

RAPID FIRE SESSION

13:30 – 13:37 **Skull base surgery: can the endoscopy really replace totally the traditional open approaches?**
(Maurizio Gladi, Denis Aiudi, Alessio Iacoangeli, Fabio Greco, Ancona and Rome, Italy)

13:37 – 13:44 **Legal aspects of the doctor-patient relations in Bosnia and Herzegovina**
(Harun Brkić, Tuzla, BiH)

13:44 – 13:51 **Phakomatoses - neurocutaneous syndromes**
(Zulejha Merhemić, Sarajevo, BiH)

13:51 – 13:58 **Assessment of neurological outcome after resection of spinal meningiomas**
(Dragan Janković, Darius Kalasauskas, Florian Ringel, Naureen Keric, Mainz, Germany)

13:58 – 14:05 **Microscopic video assisting tools in multiple aneurysms of the anterior circulation treatment**
Adi Ahmetspahić, Ibrahim Omerhodžić, Haso Sefo, Eldin Burazerović, Sarajevo, BiH

14:05 – 14:12 **Imaging of brain metastases**
Dino Kovačević, Munich, Germany

14:12 – 14:19 **Do programmable VP shunt valve reduce the shunt revision rate**
Asim Mujić, Hobart, Australia

14:19 – 14:26 **Management of central nervous system hemangioblastomas in the VHL disease**
Alberto Feletti, Verona, Italy

14:26 – 14:33 **Why ``mild`` head injuries in pediatric age may be serious?**
Mirjana Raičević, Srđan Nikolovski, Belgrade, Serbia

14:33 – 14:40 **Discussion**

14:40 – 14:55 **Ask the experts minutes**

14:55 – 15:00 **Closing remarks**



15:00 – 15:30 COFFEE BREAK

15:00 – 16:30 UNUBiH Assembly annual meeting

INTERNATIONAL SIMPOSIUM IN PLASTIC AND RECONSTRUCTIVE SURGERY

ROOM HERCEGOVINA

SYMPOSIUM CHAIR(S):

Mahira Tanović, MD, FACS (USA), Alija Aginčić, MD (BiH), Dražan Erić, MD (UAE)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:40 **Introductory word**

Dr Alija Aginčić

8:40 – 9:10 **The evolution of total body lift from Transvers to Oblique resection Part 1: Flankplasty**

Prof. Dennis Hurwitz, MD FACS (Pittsburgh, USA)

9:10 – 9:30 **Post-bariatric patients, struggle, and success**

Mahira Tanović (Hofstra University School of Medicine, New York, USA)

9:30 – 10:00 **Body contouring after massive weight loss**

Dražan Erić (Department of Plastic and Reconstructive Surgery, Al Emadi Hospital, Doha, Qatar)

 10:00 – 10:30 **COFFEE BREAK**

10:30 – 11:15 **Pursuing excellence in Plastic Surgery**

Milomir Ninković (Munich, Germany)

11:15 – 11:45 **Body contouring**

Akhmed Rakhimov, MD (Moscow, Russia)

11:45 – 12:15 **Clinical applications of lipoaspirate based products in Plastic Surgery**

Viacheslav Vasyiljev, (Moscow, Russia)

 12:30 – 13:30 **LUNCH**

13:30 – 14:00 **The evolution of total body lift from Transvers to Oblique resection Part 2: Torsoplasty**

Prof. Dennis Hurwitz, MD FACS, (Pittsburgh, USA)

14:00 – 14:30 **Fascia fat grafting for facial lipofilling**

Prof. Smilja Tudjarova Gjorgova, MD (Skopje, North Macedonia)

14:30 – 15:00 **Periorbital fat grafting, avoiding complications and getting favorable results**

Prof. Amin Kalaaji, MD (Oslo, Norway)

 15:00 – 15:30 **COFFEE BREAK**

15:30 – 16:00 **Esthetic and reconstructive breast surgery**

Prof. Sinisa Kojic, MD, (Belgrade, Serbia)

16:00 – 16:30 **No scar Rhinoplasty**

Amin Kalaaji, (Oslo, Norway)

16:30 – 17:00 **Reliability of the flaps based on the thoracodorsal artery system in the chest wall and shoulder reconstruction**

Dražan Erić, (Department of Plastic and Reconstructive Surgery, Al Emadi Hospital, Doha, Qatar)

17:00 – 17:30 **Fat grafting for facial rejuvenation**

Mahira Tanović , MD, FACS (Hofstra University School of Medicine, New York, USA)

17:30 – **Closing remarks**

INTERNATIONAL SYMPOSIUM IN FAMILY MEDICINE

ROOM SARAJEVO 

SYMPOSIUM CHAIR:

Melida Hasanagic (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

PRIMARY CARE

9:00 – 9:20 **Family Medicine in BH-between dream and reality**
Melida Hasanagić (BH)

9:20 – 9:30 **Successful Treatment of Pulmonary *Mycobacterium xenopi* Infection in an immunocompromised patient with Crohn's disease**
Jasmina Mustafić (BH)

9:30 – 9:40 **Antibiotic resistance of *Escherichia coli* in urinary tract infections among outpatients in Canton Sarajevo**
Amina Obradović Balihodžić (BH)

9:40 – 9:50 **Huntington's Chorea-Case presentation**
Šaban Hodžić

9:50 – 10:00 **Discussion**



COFFEE BREAK

10:00 – 10:30 **Management of Obesity in the Swedish Primary Care: A Multimodal Approach**
Amar Osmančević



Discussion

12:30 – 13:30 **LUNCH**

INTERNATIONAL SYMPOSIUM IN PEDIATRICS II

ROOM SARAJEVO

SYMPOSIUM CHAIR(S):

Amina Smajlović (USA), Feriha Hadžagić Čatibušić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

SESSION 2



12:30 – 13:30 LUNCH

13:30 – 13:35 Opening remarks

13:35 – 14:00 **Autism Spectrum Disorder: Diagnosis and Management**
Amer Smajkić (University of Illinois, Chicago, Illinois, USA/BHAAAS) **Invited Speaker**

14:00 – 14:30 **An Update on Pediatric Non-Alcoholic Fatty Liver Disease (NAFLD)**
Samir Softić (Department of Pediatric Gastroenterology, Hepatology and Nutrition, University of Kentucky, Lexington, Kentucky, USA) **On-line Zoom Presentation Invited Speaker**

14:30 – 15:00 **Recognizing Stigma Associated with Special Health Care Needs and Disabilities**
Mirzada Kurbašić (Department of Pediatrics, University of Louisville, Louisville, Kentucky, USA-BHAAAS)
On-line Zoom Presentation Invited Speaker



15:00 – 15:30 COFFEE BREAK

15:30 – 15:50 **Updates in Management of Neurofibromatosis Type 1 (NF-1)**
Dušica Babović-Vuksanović (Department of Medical Genetics, Mayo Clinic, Rochester, Minnesota, USA/BHAAAS) **Invited Speaker**

15:50 – 16:10 **Implementation of Advanced Pediatric Life Support Course in Bosnia and Herzegovina**
Ismeta Kalkan, Amra Čengić, Verica Mišanović, Duško Anić, Emina Hadžimuratović, Devleta Hadžić, Ela Simić, Dara Glamuzina, Borko Raić, Vladimir Jegdić (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH, University Clinical Center Tuzla, University Clinical Center Banja Luka, University Clinical Center Mostar, BiH)

16:10 – 16:30 **Two Cases of Congenital Diaphragmatic Hernia Treated With Therapeutic Induced Hypothermia for HIE Before Surgery**
Amra Čengić, Raho Spahović, Ismeta Kalkan (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

16:30 – 16:50 **Managing Hypertrophic Obstructive Cardiomyopathy in Pediatric Patients**
Elma Smajlović, Orhana Grahić-Mujčinović, Sibila Tabaković (Department of Pediatrics, Kantonal Hospital Zenica, BiH)

16:50 – 17:10 **Treatment of Sudden Cardiac Arrest in Child**
Nedim Begić, Duško Anić, Verica Mišanović, Zijo Begić, Selma Dizdar, Emina Vukas, Zinka Huseinbegović, Adisa Čengić, Medina Hasanović (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

INTERNATIONAL SYMPOSIUM IN ANESTHESIOLOGY, PERIOPERATIVE MEDICINE AND INTENSIVE CARE MEDICINE

ROOM HOLIDAY

8:50 – 9:00 **Welcome and Announcements**

Symposium Chairs:

Žana Čabak-Borovčanin (University of Rochester, Rochester, New York, USA/BHAAAS)
Melissa Kreso (University of Rochester, Rochester, New York, USA)

SYMPORIUM CHAIR(S):

Prof. Dr. Žana Čabak-Borovčanin (USA),
Assoc. Prof. Dr. Melissa Kreso (USA)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

SESSION I – MEET THE EXPERTS

Moderator: Žana Čabak-Borovčanin (USA/BHAAAS)

9:00 – 9:20 **Noninvasive Ventilation in Perioperative Care**

Emir Festić (Mayo Clinic, Jacksonville, Florida, USA/BHAAAS)

9:20 – 9:40 **Neuraxial Management for Labor Analgesia**

Melissa Kreso (University of Rochester, Rochester, New York, USA)

9:40 – 10:00 **Revisiting Ethical Principles in ICU**

Adnan Begović (University of California San Diego, USA/BHAAAS)



10:00 – 10:30 **COFFEE BREAK**

10:30 – 11:00 **A Quality of Critical Care: Lessons from COVID-19 Pandemic**

Ognjen Gajić (Mayo Clinic, Rochester, Minnesota, USA/BHAAAS)

SESSIONS II – SCIENTIFIC ABSTRACTS PRESENTATIONS

Moderator: Emir Festić (USA/BHAAAS)

11:00 – 11:15 **Patient satisfaction with single-shot spinal analgesia for labor – a single-center study**

Ivan Keser, Denis Imamović, Ranka Krtinić, Edina Pajt (General Hospital Dr. Abdulah Nakaš, Sarajevo, Bosnia-Herzegovina)

11:15 – 11:30 **Histomorphometric parameters as indicators of nerve tissue damage after perineural and intraneuronal application of liposomal bupivacaine in rat model**

Lejla Dervišević, Ilvana Hasanbegović, Amela Dervišević, Esad Čosović, Zurifa Ajanović, Aida Šarac-Hadžihalilović, Emin Dervišević, Adis Salihbegović (Faculty of Medicine, University of Sarajevo, Bosnia-Herzegovina)

11:30 – 11:45 **Ketamine as the main analgesic agent during analgesia-based sedation for elective colonoscopy – a randomized, double-blind, control study**

Mirza Kovačević (Cantonal Hospital Zenica, Zenica, Bosnia-Herzegovina)

SESSIONS III – MEDICALLY CHALLENGING CASES PRESENTATIONS

Moderator: Ivan Keser (General Hospital Dr. Abdulah Nakaš, Sarajevo, Bosnia-Herzegovina)

11:45 – 11:55 **Challenges in the anesthetic management of a patient with Charcot-Marie-Tooth disease – a case report**

Nermin Ismić (General Hospital Dr. Abdulah Nakaš, Sarajevo, Bosnia-Herzegovina)

11:55 – 12:05 **A broken introducer needle after neuraxial anesthesia for C-section – a case report**

Suzana Šobot Novaković, Jovana Jevđić (University Clinical Center of Republika Srpska, Banja Luka, Bosnia-Herzegovina)

12:05 – 12:15 **Intravascular Misplacement of Central Venous Catheter - Tips for Practical Management**

Edina Pajt, Ivan Keser, Ranka Krtinić, Stoja Erić (General Hospital Dr. Abdulah Nakaš, Sarajevo, Bosnia-Herzegovina)



12:15 – 12:25 **Urgent difficult intubation due to polypoid hyperplasia almost completely obliterating the lumen of the nasopharynx and oropharynx: a case report**
Mirko Mihalj (University Clinical Hospital of Mostar, University of Mostar, Mostar, Bosnia-Herzegovina)

12:30 – 13:30 **LUNCH**

SESSIONS IV - "DIFFICULT AIRWAY MANAGEMENT COURSE AT 13TH DAYS OF BHAAAS"

Moderator: Žana Ćabak-Borovčanin (University of Rochester, Rochester, New York, USA/BHAAAS)

13:30 – 16:30 Difficult Airway Management Course Stations

Flexible Fiberoptic Intubation – Oral and Nasal
Flexible Fiberoptic Intubation via Supraglottic Airway
Awake Tracheal Intubation – Airway Block Anatomy
Video Laryngoscopes and Airway Exchange Catheters
Emergency Surgical Airway – Front-of-Neck Access – Cricothyrotomy

Instructors:

Žana Ćabak-Borovčanin (Rochester, New York, USA/BHAAAS), Ivan Keser (Sarajevo, Bosnia-Herzegovina), Vesna Čengić (Sarajevo, Bosnia-Herzegovina), Melissa Kreso (Rochester, New York, USA), Ognjen Gajić (Rochester, Minnesota, USA/BHAAAS), Emir Festić (Jacksonville, Florida, USA/BHAAAS), Jasmin Šabić (Zenica, Bosnia-Herzegovina)

13:30-16:30 (with coffee break 15:00-15:30)

16:30 – 16:40 Closing Remarks

Symposium Chairs:

Prof. Dr. Žana Ćabak-Borovčanin (University of Rochester, Rochester, New York, USA/BHAAAS)
Assoc. Prof. Dr. Melissa Kreso (University of Rochester, Rochester, New York, USA)

INTERNATIONAL SYMPOSIUM IN NEUROLOGY II

ROOM UNA

SESSION 2: CEREBROVASCULAR DISEASES

SYMPOSIUM CHAIR(S):

Enra Mehmedika Suljić (BiH), Aida Šehić Kantardžić (USA)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:40 Introductory word

Enra Mehmedika Suljić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina), Aida Šehić Kantardžić (Clinical and Surgical Neurophysiological Monitoring, Louisville, KY, USA)

8:40 – 9:00 Neurorehabilitation in multiple sclerosis and stroke

Silva Butković Soldo (Department of Neurology, Faculty of Medicine Osijek, Osijek University Hospital)
Invited speaker

9:00 – 9:15 Cryptogenic stroke in young adult

Nevena Mahmutbegović (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

9:15 – 9:30 Pedigree in Anderson-Fabry disease

Ana Marija Soldo (Department of Neurology, Faculty of Medicine Osijek, Osijek University Hospital)



9:30 – 9:45 **Transcranial brain parenchyma sonography: new window into the brain**
Dževdet Smajlović (Department of Neurology, University Clinical Center Tuzla, Bosnia and Herzegovina)



10:00 – 10:30 **COFFEE BREAK**

10:30 – 10:45 **Stroke Treatment: Monitoring and amplification of thrombolytic therapy with ultrasound**
Aida Kantardžić Šehić (Clinical and Surgical Neurophysiological Monitoring, Louisville, KY, USA)

10:45 – 11:00 **Improvement of stroke thrombolysis rate in the developing country: a hospital-based observation study**
Marija Bender, Stjepan Čović, Matea Baranik, Sandra Lakićević, Inge Klupka Sarić (Clinic of Neurology, University Clinical Hospital Mostar, Bosnia and Herzegovina)

11:00 – 11:15 **Up date of revised criteria for intravenous thrombolysis on acute ischaemic stroke**
Edina Đozić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

11:15 – 11:30 **Current concepts in endovascular stroke management**
Deniz Bulja, Odej Ali Abud, Naida Spahović, Maida Nikšić, Sandra Veger-Zubović (Department of Radiology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

11:30 – 11:45 **Post-stroke epilepsy**
Nataša Pejanović Škobić (Clinic of Neurology, University Clinical Hospital Mostar, Bosnia and Herzegovina)

11:45 – 11:55 **Sponsored lecture Roche**



12:30 – 13:30 **LUNCH**

SESSION 3: SHORT COMMUNICATIONS

Moderators: Silva Butković Soldo (Osijek, Croatia), Dragoslav Sokić (Belgrade, Serbia), Nevena Mahmudbegović (Sarajevo, BiH)

13:30 – 13:40 **Changes in swedish guidelines regarding management of acute stroke**
Adin Osmančević (University of Gothenburg, Sahlgrenska Academy)

13:40 – 13:50 **Embolic Stroke Due to Internal Carotid Dissection: Case Report (Marfan syndrome)**
Lejla Redžić, Nerimana Sujkanović, Zejneba Pašić, Zikrija Dostović (University Clinical Center Tuzla, Department of Neurology, Bosnia and Herzegovina)

13:50 – 14:00 **Fahr's disease and ischemic stroke**
Emina Ćedić-Vuga (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

14:00 – 14:10 **Guillain-Barré syndrome as a complication of COVID 19 infection**
Amina Kačar (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

14:10 – 14:20 **Anti LG1 autoimmune encephalitis**
Elma Milanović (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

14:20 – 14:30 **Leptomeningeal carcinomatosis (LMD) in gastric cancer**
Nejra Mašić (Department of Neurology, Clinical Center of the University of Sarajevo, Bosnia and Herzegovina)

14:30 – 14:45 **Closing remarks**

INTERNATIONAL SYMPOSIUM IN OBSTETRICS AND GYNECOLOGY

ROOM NERETVICA

8:30 – 8:40 **Introductory Word**
Taib Delic (Polyclinic Agram, Sarajevo, BiH)

8:40 – 9:05 **Application of Platelet-rich Plasma in IVF Treatment Procedure**
Taib Delic (Polyclinic Agram, Sarajevo, BiH)

9:05 – 9:30 **Sacrococcygeal teratoma: diagnosis and treatment - Case report**
Naima Imsirija- Galijasevic (Clinic of Gynecology and Obstetrics, Clinical Center of the University of Sarajevo, BiH)

9:30 – 9:55 **The Importance of Teamwork in Prevention and Early Detection of Cervical Cancer**
Nina Juric (Polyclinica Agram, Sarajevo, BiH)



10:00 – 10:30 COFFEE BREAK

10:30 – 10:55 **Management of Complications in Minimally Invasive Gynecologic Surgery**
Azra Sadikovic (Rush University Medical Center, Chicago, IL)

11:00 – 11:25 **Rectovaginal Fistula**
Emir Pinjo (Oslo Hospital, Oslo, Norway)

11:30 – 11:55 **Pelvic Organ Prolapse Management Techniques**
Svetlana Lozo (Columbia University Medical Center, New York, NY)

12:00 – 12:20 **Questions and answers**



12:30 – 13:30 LUNCH

13:30 – 13:55 **Indications for Diagnostic and Operative Hysteroscopy**
Wendelly Vasquez (Total Woman Healthcare, Orlando, FL)

14:00 – 14:25 **Updates in the Management of Adenomyosis**
Kayla Nixon (Rush University Medical Center, Chicago, IL)

14:30 – 14:55 **Maximizing efficiency, avoiding hurdles in laparoscopic management of fibroid uterus**
Michael Roche (Rush University Medical Center, Chicago, IL)

15:00 – 15:15 **Questions and Answers**

SYMPOSIUM CHAIR(S):

Azra Sadikovic, MD (USA), Taib Delic, MD (BiH),
Svetlana Lozo, MD (USA)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.



SATURDAY

JUNE 25TH 2022

FACULTY OF ECONOMICS

- Sustainable Urban Development: Designing Smart, Inclusive and Resilient Cities - Floor III – E-net Centre
- Quadruple Helix Approach to Sustainable Development (Social Sciences, Humanities and related fields) - Floor III – E-net Centre small room
- Sustainable Civil Engineering (Civil Engineering and related fields) - Floor III – Room 4
- Mechanical Engineering - Floor III – Room 6
- Computer Modeling and Simulations for Engineering Applications (ComMod&SimEngApp) - Floor III – Room 6
- Advanced Electrical Power Systems - Floor III – Room 9
- Information and Communication Technologies - Floor III – Room 9 and E-net centre small room
- Social Science Symposium - Floor II – Room PDS1
- Second Humanities and the Arts (HARTS) International Symposium "Interdisciplinarity as the basis for research design"

SUSTAINABLE URBAN DEVELOPMENT: DESIGNING SMART, INCLUSIVE AND RESILIENT CITIES

E-NET CENTRE

SYMPOSIUM CHAIR(S):

Tijana Tufek-Memišević, PhD (USA),
Dr Ajla Merzić (BiH), Maja Muftić-Dedović (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

10: 45 – 11:00 Resilient Urban Form: Compact City, or Decentralized City-Region?
Dushko Bogunovich, PhD (The University of Auckland & Chair of ISOCARP Scientific Committee)
opening keynote

11:00 – 11:15 Critical appraisal of Inclusive urban heritage revitalization strategies for old historic centers in Asia: Case example of Indian cities,
Mohit Dhingra (OP Jindal Global University, Sonipat, Haryana, India)

11:15: – 11:30 Heritage conservation as key potential for Mostar sustainable development Partizan sport ground,
Senada Demirović Habibija (University "Džemal Bijedić" Mostar, BiH)
Amra Šarančić Logo, (Commission to preserve National Monuments of BiH)
Emina Isić (Urban House IDEAA Mostar, BiH)

11:30 – 11:45 Transforming Power Relations in Urban Mobility Systems
Ruud Van Diepen (University of Amsterdam, Netherlands)

11:45 – 12:00 Green infrastructure: Spatial potentials of the greening the city of Brčko
Slobodan Bulatović (University of Belgrade, Serbia)

12:00 – 12:15 Evaluating integration of informal settlements in Sarajevo through Space Syntax analysis
Tijana Tufek-Memišević, PhD (Candarc LLC, USA)

12:15 – 12:30 Sustainable Retrofit Strategies for an Existing and Historically Significant Residential Complex: Environmental Response and Facade Performance Analysis
Sunčica Milošević & Ajla Akšamija, PhD (University of Utah, Salt Lake City, USA)



12:30 – 13:30 LUNCH

13:30 – 13:55 Decarbonizing the Built Environment for Sustainable Future,
Ajla Akšamija, PhD (University of Utah, Salt Lake City, USA) *invited speaker

14:00 – 14:20 Utilization of Solar Energy for Low-Carbon Transition,
Hamdija Mujezin (UNDP Project Officer) *invited speaker

14:25 – 14:55 "Re-Imagine My Street" (people-led sustainable urban transformation pilot in the Municipality of Centar Sarajevo), Srđan Mandić, Mayor of the Municipality of Centar
*invited speaker

15:15 SPECIAL SESSION – OPEN TO PUBLIC New European Bauhaus and Us: Context, Purpose, Opportunities

Session chair:

Selma Harrington (The Architects' Council of Europe; BHAAAS)

Moderators: Tijana Tufek-Memišević & Zina Ruždić

*read more on page 54

QUADRUPLE HELIX APPROACH TO SUSTAINABLE DEVELOPMENT

E-NET CENTRE (SMALL ROOM)

SYMPOSIUM CHAIR(S):

Maja Arslanagić-Kalajdžić (BiH), Amila Ždralović (BiH),
Ehlimana Spahić (BiH)

PARTICIPANTS:

The symposium is intended for all professions,
specialists from various fields and students.

9:00 – 9:15 **Environment and Economy Interactions in the Western Balkans: Current Situation and Prospects**
Petar Mitić (Institute of Economic Sciences, Serbia)
Aida Hanić (Institute of Economic Sciences, Serbia)
Milena Kojić (Institute of Economic Sciences, Serbia)
Stephan Schlüter (Ulm University of Applied Sciences)

9:15 – 9:30 **The Finance-Growth Nexus and the Role of Institutional Development: A Case Study of the Western Balkan Countries**
Edib Smolo (International University of Sarajevo, Bosnia-Herzegovina)

9:30 – 9:45 **Challenges in Implementing ESCO model in Bosnia and Herzegovina**
Dragana Kosorić (Ministry of Finance and Treasury of Bosnia and Herzegovina, Bosnia-Herzegovina)
Gorana Veselinović (Grijanjeinvest LLC, Bosnia-Herzegovina)

9:45 – 10:00 **Science & Technology Parks as Part of Innovation Ecosystem: The Case of Bosnia and Herzegovina**
Vedrana Ajanović (BIT Center, Bosnia-Herzegovina)
Robert Martić (BIT Center, Bosnia-Herzegovina)
Sabina Đonlagić-Alibegović (University of Tuzla – Faculty of Economics, Bosnia-Herzegovina)



10:00 - 10:30 COFFEE BREAK

10:30 – 10:45 **Sustainable Development Education Research in South East Europe, 2016-2022: A Bibliometric Study**
Nikša Alfirević (University of Split – Faculty of Economics, Business and Tourism, Croatia)
Maja Arslanagić-Kalajdžić (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina/BHAAAS)
Vlatka Škokić (University of Split – Faculty of Economics, Business and Tourism, Croatia)

10:45 – 11:00 **Challenges in Implementing Monitoring System for SEE Strategy 2030 [from perspective of SDGs]**
Arslan Umut Ergezer (Regional Cooperation Council – RCC, Bosnia-Herzegovina)
Dušanka Bošković (University of Sarajevo – Faculty of Electrical Engineering)
Amina Tihak (University of Sarajevo – Faculty of Electrical Engineering)

11:00 – 11:15 **Cultural Heritage and Sustainable Tourism Development: The Cultural Capital of Sarajevo**
Lejla Dizdarević (University of Sarajevo, Centre for Research and Development, Bosnia-Herzegovina)

11:15 – 11:30 **Political participation and Representation of Women in Bosnia and Herzegovina - Problem Perception in Gender Analyses**
Amila Ždralović (University of Sarajevo – Faculty of Law, Bosnia-Herzegovina)

11:30 – 11:45 **Subjective Well-being: Emigration Intention and its Antecedents**
Lejla Turulja (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
Amra Kapo (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
Melika Husić-Mehmedović (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina/BHAAAS)

11:45 – 12:00 **Modeling Employee Job Performance Through Organizational Communication, Organizational Commitment and Innovative Behavior**
Lejla Turulja (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
Amra Kožo (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)

12:00 – 12:15 **Electromobility in Bosnia and Herzegovina**
Edin Gadžo* (PC Motorways of the Federation of Bosnia and Herzegovina, Bosnia-Herzegovina)
*invited speaker



12:30-13:30 LUNCH

13:30 – 13:45 **Mapping the Sustainable Production and Consumption Literature in South East Europe**
 Nikša Alfirević (University of Split – Faculty of Economics, Business and Tourism, Croatia)
 Ivica Zdrilić (University of Zadar – Department of Economics, Croatia)
 Darko Rendulić (University of Applied Sciences, Croatia)

13:45 – 14:00 **Usage of Social Marketing for Stimulating Volunteerism Amongst Young People: The MOA Model**
 Adi Alić (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
 Denis Berberović (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
 Amra Čatić (Student, Bosnia-Herzegovina)

14:00 – 14:15 **Predicting Sustainable Consumption Practices by Value-Attitude-Behavior Theory**
 Merima Činjarević (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
 Amra Kapo (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)
 Lejla Turulja (University of Sarajevo – School of Economics and Business Sarajevo, Bosnia-Herzegovina)

14:15 – 14:30 **The Impact of Corporate Social Responsibility through Social, Economic, Environmental and Political Responsibility as a Factor in Creating Value Added Companies**
 Valentina Vinšalek Stipić, Polytechnic Nikola Tesla in Gospic, Croatia)



15:00 – 15:30 COFFEE BREAK

SUSTAINABLE CIVIL ENGINEERING

ROOM 4



10:00 – 10:30 COFFEE BREAK

10:30 – 10:45 **Transport infrastructure and climate change - mutual impact and mitigation and adaptation measures**
 Merima Karabegović* (PC Motorways of the Federation of Bosnia and Herzegovina, Bosnia and Herzegovina)
 *invited speaker

10:45 – 11:00 **Construction of green buildings – a conceptual framework for sustainability implementation**
 Nerma Smajlović Orman (International Burch University, Bosnia and Herzegovina)

11:00 – 11:15 **Application of compromise programming in evaluation of localities for construction of municipal landfill**
 Miljan Kovačević (University of Priština, Faculty of Technical Sciences, Serbia)

11:15 – 11:30 **Railway corridors within Croatian cities: obstacles or opportunities?**
 Željka Jurković (Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek, Croatia)

11:30 – 11:45 **Watercourse Recovery Process - The Role and Importance of Water Monitoring**
 Emin Hadžić (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

11:45 – 12:00 **Reform of the Water Services Sector in Bosnia and Herzegovina – an Important Step Towards Sustainable Development**
 Suvada Šuvalija (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina)

12:00 – 12:15 **How to improve the way to reduce air pollution on Motorway Vc**
 Nerim Hasić* (PC Motorways of the Federation of Bosnia and Herzegovina, Bosnia-Herzegovina)
 *invited speaker

12:15 – 12:30 **Questions and discussion**



12:30 – 13:30 LUNCH BREAK

SYMPOSIUM CHAIR(S):

Naida Ademović (BiH), Marijana Hadzima-Nyarko (Cro)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

MECHANICAL ENGINEERING

ROOM 6



10:00 – 10:30 COFFEE BREAK

10:30 – 11:00 **Impact testing of steel welded joint of exploited vertical cylindrical tank of large volume**
Ermin Bajramović (University of Bihać-Faculty of Engineering, Bosnia and Herzegovina)

11:00 – 11:30 **Experimental and computational analysis of air flow in a wet cooling tower with forced draft**
Edin Berberović (University of Zenica-Polytechnic Faculty, Bosnia and Herzegovina)

11:30 – 12:00 **Techno-economic analysis of energy efficiency improvements using renewable energy sources**
Damir Špago (University of Mostar-Faculty of Mechanical Engineering, Bosnia and Herzegovina)

12:00 – 12:30 **Mechatronic approach to design and development of low-budget 3d laser scanner**
Almir Osmanović (University of Tuzla-Faculty of Mechanical Engineering, Bosnia and Herzegovina)



12:30 – 13:30 LUNCH

14:00 – 15:00 **Annual Assembly- Association DnT, (all members of the association are invited and welcome)**

COMPUTER MODELING AND SIMULATIONS FOR ENGINEERING APPLICATIONS

ROOM 6



13:30 – 13:50 **Parallelized Computation of Fluid Flow around a Wall-Mounted Cube Using ILES Approach,**
Muris Torlak (University of Sarajevo – Mechanical Engineering Faculty, Bosnia and Herzegovina), Amra Hasečić, Tarik Čorbo, Almin Halač and Emir Bakunić

13:50 – 14:10 **Analysis and modeling high power LED lamp harmonics with Matlab/Simulink by using resultant low voltage R and L parameters of the power grid**
Adis Nukić (Elektrocentar Petek, Tuzla, Bosnia and Herzegovina) and Amila Brčaninović

14:10 – 14:30 **Measuring and modeling VFDs harmonics in pump application with Matlab/Simulink by using low voltage R and L parameters of the power grid**
Adis Nukić (Elektrocentar Petek, Tuzla, Bosnia and Herzegovina) and Mensur Kasumović

14:30 – 14:50 **Comparative analysis of the efficiency of linear ARMA model with ANN and ANFIS methods for Neretva River mean monthly flow rate estimation**
Nerma Lazović (University of Sarajevo - Faculty of Civil Engineering, Bosnia and Herzegovina) and Fatima Skaka - Čekić

14:50 – 15:00 **Questions and discussion**

15:00 – 15:30 COFFEE BREAK

SYMPORIUM CHAIR(S):

Hajrudin Džafo (BiH), Adis Bubalo (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

ADVANCED ELECTRICAL POWER SYSTEMS

ROOM 9

10:30 – 10:45 **Dynamic Pricing Based Electric Vehicle Charging Impact on Low Voltage Distribution Network**
Tarik Hubana (The Institute of Electrical and Electronics Engineers, Bosnia and Herzegovina /BHAAAS), Elma Begić

10:45 – 11:00 **PV-Battery- Diesel standalone hybrid system for Campus of International Burch University**
Šejla Aganović (International Burch University, Bosnia and Herzegovina),
Lejla Cikotić

11:00 – 11:15 **Under frequency load shedding considering load prioritization**
Maja Muftić Dedović (University of Sarajevo-Faculty of Electrical Engineering, Bosnia and Herzegovina)
Nedis Dautbašić, Ajdin Alihodžić, Adin Memić, Adnan Mujezinović



12:30-13:30 LUNCH

INFORMATION AND COMMUNICATION TECHNOLOGIES

ROOM 9



12:30 – 13:30 LUNCH

13:50 – 13:55 **Introductory word:**
Edin Mujčić/BHAAAS, Aljo Mujčić/BHAAAS

13:55 – 14:10 **Design and Implementation of a Virtual Machine for a Dynamic Object-Oriented Programming Language**
Sanid Muhić (Polytechnic Faculty, University of Zenica, Zenica, BiH)

14:10 – 14:25 **Gait Recognition as an Approach for People Identification**
Adnan Ramakić (Rectorate, University of Bihać, Technical Faculty of Bihać, Bihać, BiH)

14:25 – 14:40 **Intelligent Traffic Light Control System Using Fuzzy Logic**
Edin Mujčić (University of Bihać, Technical Faculty of Bihać, Bihać, BiH/BHAAAS)

14:40 – 14:55 **Virtual Office - Practical implementation of models to improve the experience in virtual and digital work environment**
Sanid Muhić (Polytechnic Faculty, University of Zenica, Zenica, Zenica, BiH)



15:00 – 15:30 COFFEE BREAK

E-NET CENTRE SMALL ROOM

15:35 – 15:50 **Remote Digital Thermometer For Control Pellet Stove Heating System**
Una Drakulić (University of Bihać, Technical Faculty of Bihać, Bihać, BiH)

15:50 – 16:05 **Impact of COVID 19 on the information technology for online education, Education 4.0, challenges and solutions**
Tihomir Latinović, Ljilja Sikman (University of Banja Luka, Banja Luka, BiH)

16:05 – 16:20 **Discussion and Closing**

SYMPORIUM CHAIR:

Tarik Hubana (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

SOCIAL SCIENCES AND HUMANITIES SYMPOSIUM

ROOM PDS1

SYMPOSIUM CHAIR(S):

Dr. Dina Mehmedbegović-Smith (BiH) and
Dr. Lamija Bašić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 9:00 **Welcoming Address**
Dr Dina Mehmedbegović-Smith and Dr Lamija Bašić

9:00 – 10:00 **Plenary Lecture: Voluntary and forced migrations: Memory and archiving**
Professor Anne Gilliland, University of California, Los Angeles (UCLA), USA

 10:00 – 10:30 **COFFEE BREAK**

SESSION ONE GLOBAL CHALLENGES: IMPACT ON EDUCATION AND LINGUISTIC DIVERSITY

10:30 – 11:05 **Spatial translocality and linguistic multifocality in the context of migration**
Dr Branimir Vukosav, University of Zadar, Croatia
Dr Marijana Kresić Vukosav, University of Zadar, Croatia

11:10 – 11:45 **Online presentation: Implementing New Approaches to Language Learning and Plurilingualism in Schools: Piloting Healthy Linguistic Diet model in Italy**
Dr Letizia Cinganotto, INDIRE (The National Institute for Documentation, Innovation and Educational Research), Italy
Dr Dina Mehmedbegović-Smith, University College London (UCL), UK

11:50 – 12:25 **Mixed mode presentation: The (Dis)Continuity of teaching culture**
Prof Andjelka Peko, Josip Juraj Strossmayer University, Osijek, Croatia
Dr Klara Bilić- Meštrić, CARNet (Croatian Academic and Research Network), Croatia

 12:30 – 13:30 **LUNCH BREAK**

13:30 – 14:30 **Plenary Lecture: The changing nature of conflict in an era of multipolar globalisation**
Dr Jago Salmon, UN Coordination Office Sarajevo, BiH

SESSION TWO: GLOBAL CHALLENGES: IMPACT ON WELL-BEING, POLICY AND WORKFORCE

14:30 – 15:05 **Keeping up with great resignation and the workforce of the future**
Dr Lamija Bašić, University of California, Irvine, USA

 15:05 – 15:30 **COFFEE BREAK**

15:30 – 16:05 **US Foreign Policy Towards Western Balkans in Joe Biden's Administration with a focus on Bosnia and Herzegovina**
Jasmin Spajić, Center for interdisciplinary studies, University of Sarajevo, BiH
Alaudina Boškailo, Independent scholar, BiH

16:10 – 16:45 **To forgive or not to forgive**
Dr Esad Boškailo, University of Arizona, Phoenix Medical School, USA

16:50 – 18:00 **Concluding Discussion- Global Challenges: Insights into BiHdiaspora and role of BHAAAS in knowledge transfer**
Prof Hariz Halilović, Global Studies Centre, RMIT University, Melbourne, Australia
Researching the Bosnian Herzegovinian diaspora: Turning data and findings into impact

SECOND HUMANITIES AND THE ARTS (HARTS) INTERNATIONAL SYMPOSIUM “INTERDISCIPLINARITY AS THE BASIS FOR RESEARCH DESIGN”

THE RECTORATE OF THE SARAJEVO UNIVERSITY

Presentation: 11AM - 1PM

Discussion: 1PM - 2PM

Moderator: Dr. Amila Buturović, (CAN)

SYMPOSIUM CHAIR(S):

MFA Svetlana Bukvich, (USA), Dr. Amila Buturović, (CAN),
Dr. Branka Kopecki, (CAN), Dr. Adis Elias Fejzić, (AUT), MA
Slobodan Radosavljević, (CAN)

The Art of Memory After Genocide: Reimagining the Images of the Places of Pain and (Be)longing: New Methods and Approaches

Field of Study: Anthropology, visual art, memory

Dr Hariz Halilovich, RIMT University, Melbourne (Australia), Adis Elias Fejzić, RMIT University Melbourne, Queensland College of Art, Griffith University (Australia)

The new wholeness: reading music, listening to literature

Field of Study: Comparative literature, comparative arts

Dr Lejla Alimanović, Independent Researcher

Is identity a social construct, or a legacy?

Field of Study: Anthropology, architecture, philosophy

MA Majda Turkić, Academy of Fine Arts Vienna (Austria), University of Zenica (Bosnia and Herzegovina)

Multimedia in theatrical praxis

Field of Study: Choreography, scenography

MA Belma Čečo Bakrač, National Theater Sarajevo (Bosnia and Herzegovina)

Musical as an interdisciplinary artistic form; its impact and its applications

Field of Study: Musicology

MA Alma Ferović Fazlić, Academy of the Performing Arts, Sarajevo (Bosnia and Herzegovina)

Interdisciplinary approach in research design: architecture and visual arts

Field of Study: Art and the philosophy of architecture

Slobodan Radosavljević, Université du Québec à Trois-Rivières, Université Laval (Canada)

All things microtonal

Field of Study: Electro-acoustic music composition, microtonality in media arts

Svetlana Bukvich, City University of New York (USA)

Philosophy and photography (definition of the three ontological paradoxes of photography)

Field of Study: Art and the philosophy of art

Branka Kopecki, Université du Québec à Trois-Rivières, Université Laval (Canada)



SUNDAY
JUNE 26TH 2022
HOTEL HOLIDAY

- International Symposium in Cardiovascular Surgery - Hotel Holiday – Room UNA
- International Symposium in Pediatrics III – Room HOLIDAY
- International Symposium in General Surgery – Room VRBAS

INTERNATIONAL SYMPOSIUM IN CARDIOVASCULAR SURGERY

ROOM UNA

SYMPOSIUM CHAIR:

Muhamed Djedović, MD (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:30 – 8:45 **Introductory Word**

Symptomatic Infrarenal Abdominal Aortic Pseudoaneurysm

Muhamed Djedovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo; Faculty of Medicine, University of Sarajevo, Sarajevo, BiH)

8:45 – 9:00 **Aortic valve and ascending aorta surgery through right lateral mini thoracotomy**

Nermir Granov (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo; Faculty of Medicine, University of Sarajevo, Sarajevo, BiH)

9:00 – 9:15 **Endothelial dysfunction after venous sclerotherapy**

Anel Okic (Cantonal Hospital Zenica, Zenica, BiH)

9:15 – 9:30 **Treatment Management in a Patient with Giant Ruptured Internal Iliac Artery Aneurysm**

Muhamed Djedovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo; Faculty of Medicine, University of Sarajevo, Sarajevo, BiH)

9:30 – 9:45 **Minimally invasive cardiac surgery in Clinical Centre University of Sarajevo during COVID-19 pandemic**

Nermir Granov (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo; Faculty of Medicine, University of Sarajevo, Sarajevo, BiH)

9:45 – 10:00 **Left Ventricular Assist Device (LVAD) - Our Experience**

Ilirijana Haxhibeqiri - Karabdić (University Clinical Center of Sarajevo, Clinic for Cardiovascular Surgery, Sarajevo, BiH)

 10:00 – 10:30 **COFFEE BREAK**

10:30 – 10:45 **Influence of certain factors in the treatment of endovenous laser ablation (EVLA) on long-term occlusion of the vena saphenae parvae (VSP)**

Hasib Mujic (Private health institution Chicago Vein Institute Sarajevo, Sarajevo, BiH)

10:45 – 11:00 **Comparison of outcomes (0-30 days) after carotid endarterectomy between diabetic and non-diabetics patients with symptomatic significant carotid stenosis**

Muhamed Djedovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo; Faculty of Medicine, University of Sarajevo, Sarajevo, BiH)

11:00 – 11:15 **The role of transesophageal echocardiography in minimally invasive cardiac surgery**

Zina Lazovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

11:15 – 11:30 **Simultaneous occurrence of atrial myxoma and invasive breast cancer: Diagnosis and treatment strategy**

Tarik Selimović (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

11:30 – 11:45 **The role of echocardiography in chronic heart failure patients**

Zina Lazovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

11:45 – 12:00 **Right Sided Implantation of ICD**

Behija Hukeljic Berberovic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

12:15 – 12:30 **Left Ventricular Free Wall Rupture After Acute Myocardial Reinfarction Due To In-Stent Thrombosis in COVID-19 patient**

Alen Karic (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

 12:30 – 13:30 **LUNCH**

13:30 – 13:45 **The impact of combined carotid endarterectomy and coronary artery bypass grafting on early postoperative ICU period versus isolated coronary artery bypass grafting**

Damir Kurtagić (Clinic for Cardiovascular Surgery, Clinical Centre University of Sarajevo, Sarajevo, BiH)

INTERNATIONAL SYMPOSIUM IN PEDIATRICS III

ROOM HOLIDAY

SESSION 3

8:55 – 9:00 **Opening remarks**

9:00 – 9:20 **Pediatric Kidney Transplantation in Serbia and Early Indicators of Graft Survival Time**

Srđan Nikоловски, Dušan Paripović, Mirjana Kostić, Brankica Spasojević Dimitrijeva, Gordana Miloševski Lomić, Zoran Krstić, Dragan Vukanić, Amira Peco Antić (University Children's Hospital, Belgrade, Serbia)

9:20 – 9:40 **Overall Survival Analysis in Children with Chronic Kidney Disease in Serbia**

Srđan Nikоловски, Dušan Paripović, Mirjana Kostić, Aleksandra Paripović, Nataša Stajić, Emilija Golubović, Biljana Milosević, Brankica Spasojević Dimitrijeva, Gordana Miloševski Lomić, Radovan Bogdanović, Amira Peco Antić (University Children's Hospital, Belgrade, Serbia)

9:40 – 10:00 **The Importance of Adequate Pharmacological Therapy With Mercaptopropionylglycine (MPG - THIOLA) in the Care of Children With Cystinuria and the Prevention of Frequent Surgical Interventions**

Aida Mustajbegović-Pripoljac (Pediatric Clinic, Clinical Center University of Sarajevo, Sarajevo, BiH)

10:00 – 10:30 **COFFEE BREAK**

10:30 – 11:00 **Autism Diagnostic Protocol for Low-and-Mid Income Countries: Barriers for an Early Diagnosis and Intervention for Autism Spectrum Disorder in Bosnia and Herzegovina**

Nirvana Pištoljević, Eldin Džanko, Mohammad Ghaziuddin (EDUS-EDUCATION FOR ALL, Sarajevo, BiH and University of Michigan, Ann Arbor, Michigan, USA-BHAAAS) Invited Speaker

12:30 – 13:30 **LUNCH**

SYMPORIUM CHAIR(S):

Amina Smajlović (USA), Feriha Hadžagić Čatibušić (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

INTERNATIONAL SYMPOSIUM IN GENERAL SURGERY

ROOM VRBAS



SYMPOSIUM CHAIR:

Amila Husić, MD (BiH)

PARTICIPANTS:

The symposium is intended for all professions, specialists from various fields and students.

8:50 – 9:00 **Introductory word**

9:00 – 9:20 **Outpatient use of probiotics in surgery**

Sandin Holjan, Asja Ćetković, Dženisa Selimović, Lamija Mlaćo, Azra Dervišbegović, Salem Bajramagić (Clinic for General and Abdominal Surgery Clinical Center of the University of Sarajevo, University of Sarajevo – Faculty of Medicine, BiH)

9:20 – 9:40 **Pulmonary Langerhans cell histiocytosis: Our first(-hand) experience and perspectives on the treatment.**

Orhan Ćustović (Clinic for Thoracic Surgery Clinical Center of the University of Sarajevo, BiH)

9:40 – 10:00 **Rectovaginal fistula**

Emir Pinjo (Oslo Hospital, Norway)



10:00 – 10:30 **COFFEE BREAK**

10:30 – 11:00 **Surgical treatment of gastroesophageal reflux disease in children - neurological impairment patients**

Kenan Karavdić (Clinic for Pediatric Surgery Clinical Center of the University of Sarajevo, BiH)

11:00 – 11:30 **The role of Novel Motorized Spiral Enteroscopy in diagnosis and therapy of small bowel disease**

Amir Selimagić (General Hospital "Prim. Dr. Abdulah Nakas" Sarajevo, Sarajevo School of Science and Technology, BiH)

11:30 – 11:45 **The die is cast (ale iacta est) - an atypical mechanical small bowel obstruction, a case report**

Emir Gušo, Amina Krupalija (General Hospital "Prim. Dr. Abdulah Nakas" Sarajevo, BiH)

11:45 – 12:15 **Management of cholecystocutaneous fistula in post COVID19 patients**

Anel Okić, Alma Kravac-Hafizović, Semir Bolić, Savan Kuridža, Mahir Omanović, Jamal Mughrabi, Hasib Mujić (Cantonal Hospital Zenica, Clinical Center of the University of Sarajevo, Chicago Vein Institute, BiH)

12:15 – 12:30 **Postoperative Surgicel mimicking an abscess on CT imaging**

Amila Husić, Emir Gušo (General Hospital "Prim. Dr. Abdulah Nakas" Sarajevo, BiH)



12:30 – 13:30 **LUNCH**

13:30 – 14:00 **A rare case of fibrolipomatous hamartoma of the median nerve**

Emir Gušo, Zlatko Kravić (General Hospital "Prim. Dr. Abdulah Nakas" Sarajevo, BiH)

14:00 – 14:20 **A case study of limb salvage with hyperbaric oxygen therapy (HBOT)**

Anne Loosmann (Parkland Medical Center, New Hampshire, USA)

14:20 – 14:40 **Closing remarks**



SPECIAL EVENTS

SPECIAL EVENTS

All events are open to the public

THURSDAY – FACULTY OF ECONOMICS

SUSTAINABILITY EVENT

Plenary Session with Sustainability Panel

Date and Time: 23.06, 13:00-15:00

Venue: Faculty of Economics, Amphitheater Tondach

13:00 – 13:05 **Welcome Note by Ismar Volić (BHAAAS President)**

13:05 – 13:40 **Keynote #1:**
Climate Change as Problem and Opportunity (Jay Turner, Wellesley College)

13:40 – 14:00 **Keynote #2: Leave No One Behind (Kinloch Pichat, United Nations Development Programme in BiH, Deputy Resident Representative)**

14:00 – 15:00 **Sustainability Panel Discussion**

Panelists: Jay Turner (Wellesley College), Nemanja Kovačević (Assistant Minister for International Cooperation, Ministry of European Integration and International Cooperation of Republika Srpska), Naida Ademović (University of Sarajevo), Maja Arslanagić-Kalajdžić (University of Sarajevo), Tijana Tufek-Memišević (Candrac LLC, USA)

Moderator: Tijana Tufek-Memišević (Candarc LLC, USA)

FRIDAY – HOTEL HOLIDAY

MEDICAL SCIENCES EVENTS

Special Symposium: Genetic Testing

Date and Time: 24.06, 14:30-18:30

Venue: Hotel Holiday / Room Holiday

14:30 – 14:40 **Introductory words**

Zorlak Anela (Genetic Counseling Genetics, Sarajevo, BiH)

14:45 – 15:00 **The Importance of Genetic Counseling 2022**

(Bonnie Liebers, Genetic Counseling Services Schenectady, New York, USA)

 **15:00 – 15:30** **COFFEE BREAK / DISCUSSION**

15:30 – 15:55 **Importance of genetic testing for accurate diagnosis of patients with genetic disorders**
(Tanya Slavova, CENTOGENE, Rostock; Germany)

16:00 – 16:25 **Precision Oncology: Rationale, Challenges and Potential of Immunotherapy and Targeted Cancer Therapy**
(Davor Kust, Anova Polyclinic, Zagreb, Croatia)

16:30 – 16:55 **Genomic Association Studies (GWAS) of schizophrenia: do bigger ones lead to better results?**
(Lilijana Oruč, Private Psychiatric Practice "Prof. Dr. Lilijana Oruč", Sarajevo, BiH)

17:00 – 17:25 **Clinical utility of chromosomal microarray analysis**
(Aida Ćatić, VCU Health, Richmond, USA)

17:30 – 17:55 **Case study of choroideremia and choroideremia carrier**
(Ajla Pidro Mioković, Vukas Polyclinic, Zagreb, Croatia)

18:00 – 18:25 **Current and future uses of probiotics**
(Ulla Marton, Dr. Marton Polyclinic, Zagreb, Croatia)

FRIDAY – HOTEL HOLIDAY

Round Table: Public Health

Date and time: 24.06, 13:30-15:00

Venue: Hotel Holiday / Neretva room

Chairs:

Prof.dr.Slavenka Straus Clinical Center University of Sarajevo, BiH

Prof.emer.dr.Arif Smajkic Faculty of Medicine, Sarajevo, BiH

Moderator: Primarius dr. Goran Čerkez, Assistant Minister, Federal Ministry of Health, BiH

FRIDAY – HOTEL HOLIDAY

Round Table: The role of the private health sector in Bosnia and Herzegovina's health system

Date and Time: 24.6., 15:30-17:30

Venue: Hotel Holiday, Big Conference Room

15:30 – 16:45 Round Table Discussion and Q&A

Chair: Doc. Dr. Sci. Rasim Jusufović, dr med (Medical School, Sarajevo School of Science and Technology, Bosnia and Herzegovina)

Speakers: Haris Vranić (Ministry of Health of Sarajevo Canton, Sarajevo, BiH); Mirsad Kacila (Private Medical Institution "Heart Center", Sarajevo, BiH); Faruk Hadžić (Department of Economics and Business, SSST University in Sarajevo, Sarajevo, BiH); Muamer Kosovac (Sarajevo Canton Health Insurance Institute, Sarajevo, BiH) Rasim Jusufović (Department of Health Economics, Medical Faculty of SSST University in Sarajevo and ASA Hospital Sarajevo, Sarajevo, BiH); Medical Patient representatives

Moderator: Doc. Dr. Tarik Čatić (Department of Health Economics, Medical Faculty, SSST University in Sarajevo, Sarajevo, BiH)

16:45 – 17:30 Cocktail Networking Event

FRIDAY – FACULTY OF ECONOMICS (UNSA)

BH K CIGRE - Round table: Decarbonization of the energy sector in BiH

Date and time: 09:00-13:00

Venue: Faculty of Economics, Senate Room (Ground Floor)

FRIDAY – FACULTY OF ECONOMICS (UNSA)

Round Table - BH academic diaspora:

How to contribute to the development of science and technology in BiH

Date and time: 24.06., 10:30-12:30

Venue: Faculty of Economics, Amphitheater Tondach

Video Interviews:

Prof. Dr. Alan Hanjalić (Delft University of Technology, Delft) and Prof. Dr. Ahmed Kovačević (City University of London, London)

Round table participants:

Prof. Dr. Dušanka Bošković (University of Sarajevo, Sarajevo); Prof. Dr. Aleksandra Nikolić (Ministry of higher education, science and youth Canton Sarajevo, Sarajevo); Prof. Dr. Muhamed Hadžiabić (International University of Sarajevo, Sarajevo) Prof. Dr. Zlatan Akšamija (University of Utah, Utah)

Moderator: Kenan Šehić and Zlatan Ajanović

FRIDAY – HOTEL HOLIDAY

LECTURE: Inclusiveness in Higher Education

Date and Time: 24.06, 13:30-14:30

Venue: Faculty of Economics, Amphitheater Tondach

Lecturer: Lejla Kafedžić, Ph.D.

Moderator: Ljiljana Dukanović

FRIDAY – FACULTY OF PHILOSOPHY (UNSA), Library

SCIENCE WRITING EVENTS

Panel Discussion: Science in Narratives, Narratives in Science

Date and Time: 24.06, 11:00-12:30

Venue: Faculty of Philosophy, Library

Panelists: Fabio Deotto, Tabish Khair, Anna Botta (respondent)

Moderator: Jim Hicks

Workshop #1: Editorials from an Imminent Future

Closed event for those that have previously applied

Date and Time: 24.06, 13:30-15:30

Venue: Faculty of Philosophy, Library

Workshop Moderator: Fabio Deotto

Workshop #2: Real Science in Imaginary Stories

Closed event for those that have previously applied

Date and Time: 24.06, 16:00-18:00

Venue: Faculty of Philosophy, Library

Workshop Moderator: Tabish Khair

SATURDAY – FACULTY OF ECONOMICS (UNSA)

SUSTAINABILITY EVENT

Special Session Round Table New European Bauhaus and Us: Context, Purpose, Opportunities

Date and time: 25.06., 15:15-17:00

Venue: Faculty of Economics, E-net centre

Session chair: Selma Harrington (The Architects' Council of Europe; BHAAAS)

Key note speakers:

New European Bauhaus Forum BiH: Context, background, opportunities, Dr Selma Harrington (The Architects Council of Europe; BHAAAS)
The EU perspective, Ciaran Cuffe, Architect & Planner, Irish MEP (Virtual address) Update from the New European Bauhaus Team, Borut Cink, Policy Officer JRC/EU COM Sarajevo's 100 Net Zero Cities Mission; the pathway to a winning bid and the future opportunities, Garret Kelly, Director General SEECN Foundation

Moderators: Tijana Tufek-Memijević & Zina Ruždić

15:15 – 15:50 Introduction and Key Address (*invited speakers)

New European Bauhaus Forum BiH: Context, background, opportunities,
Dr Selma Harrington (The Architects Council of Europe; BHAAAS)

Update from the New European Bauhaus Team,
Borut Cink, Policy Officer JRC/EU COM

The EU perspective,
Ciaran Cuffe, Architect & Planner, Irish MEP (Virtual address)

Sarajevo's 100 Net Zero Cities Mission; the pathway to a winning bid and the future opportunities,
Garret Kelly, Director General SEECN Foundation

15:50 – 16:20 II MUNICIPALITY MATTERS-Spotlight on Banja Luka, Mostar, Breza and Sarajevo

Dialogue with local authority representatives on the critical problems in the built environment specific to each municipality;

Navigating the investment, collaboration and local context;

Decision making, cross-disciplinarity, inclusion and public participation

16:20 – 16:30 IIa MODERATORS' Q & A on Municipality Matters

16:30 – 17:15 III PROFESSIONAL DIALOGUE ON LOCAL CONTEXT

A. Global to Local: Smart, Green, Sustainable Development

16:30 – 16:35 **Applied urban research as basis for the Urban Reactivation and Transformation of Sarajevo,**
Dr Haris Piplaš (BHAAAS)

16:25 – 16:30 **The Challenges in Contemporary Urban Planning in the Sarajevo Canton,**
Dr Natasa Pejla Tabori (The Planning Institute of Canton Sarajevo)

16:35 – 16:40 **Navigating Transition through Urban Acupuncture in Banja Luka,**
Dr Igor Kuvač ("Istraživački centar za prostor", Banja Luka)

B. Digital and Analogue: Cross-sectoral and bottom-up approach to improvement of urban and rural areas

16:40 – 16:45 **Architects and urban planners in the era of digital transformation:**
Smart City Solutions in Banja Luka,
Jovana Romčević Šukalo (Banja Luka Society of Architects)

16:45 – 16:50 **Heritage conservation as key potential for Mostar sustainable development**
Partizan sport ground Mostar, Dr Senada Demirović (IDEAA Mostar)

C. Knowledge and Purpose: Higher education, links with industry and Civic Society

16:50 – 17:00 Future and trends in Higher Education in BiH for the Sustainable Development 2030,
Dr Aida Abadžić Hodžić (Faculty of Philosophy Sarajevo) and Dr Aida Idrizbegović Zgonić (Architecture Faculty Sarajevo)

17:00 – 17:05 Creation of Selman Selmanagić Square in Ciglane, Sarajevo (Case Study),
Jasmin Sirčo (Days of Architecture Sarajevo)

D. Green Paradigm: Local Action and Instruments

17:05-17:10 A path to Green Metropolis and Regional Green Innovation Park in BiH,
Dr Elma Durmišević (Sarajevo Green Design Centre)

17:10-17:15 Green Building Certification for a private dwelling-Case Study,
Dr Sanela Klarić (International Burch University) and Dr Venera Simonović (International Burch University)

17:15 – 17:30 IIIa MODERATORS' Q & A to AUDIENCE + Presenters

Wrap-up

SUNDAY – FACULTY OF ECONOMICS (UNSA)

BH-American Youth Academy meeting

Date and time: 26.6., 10:30-12:30

Venue: Faculty of Economics – Floor III – E-Net Center

STUDENT EVENTS

All events are open to the public

THURSDAY 23.6. - FACULTY OF ECONOMICS (UNSA)

Round table – Turning the tide: Brain drain to brain gain

Faculty of Economics (UNSA), Floor III – E-net Center

11:00-12:30

Round table participants:

Isma Stanić (Ministry of Human Rights and Refugees BiH); Enita Nakaš (Vice Rector for International Cooperation, University Sarajevo);

Azra Berbić (Western Balkans Alumni Association), Melika Husić-Mehmedović (Faculty of Economics, University of Sarajevo);

Zerina Sulejmanović Terzić (Authority Partners), Ljiljana Đukanović (BHAAAS)

Moderator: Berina Bukva Alibašić (Authority Partners).

Discussion forum – What can I do about climate change in my own community?

Faculty of Economics (UNSA), E-net Center

15:30-16:30

Chairs: Jay Turner (Professor of Environmental Studies at Wellesley College, USA)

Moderator: Ljiljana Đukanović

FRIDAY 24.6. - FACULTY OF ECONOMICS (UNSA)

Coffee with Authority Partners LAB

Faculty of Economics (UNSA), II floor

10:00-10:30

WORKSHOP – Machine Learning in Materials Science

Faculty of Economics (UNSA), MIT Center Room

10:30-12:00

Workshop Moderator: Prof. Zlatan Akšamija (University of Utah, USA)

WORKSHOP – Developing students' presentational skills: strengthening employability

Faculty of Economics (UNSA), Room 6

13:30-17:00

Workshop Moderators: Lejla Osmić (University of Sarajevo) and Sandra Bjelan-Guska (University of Sarajevo)

FLASH TALKS – Transition from school to work – Working in a digital age

Faculty of Economics (UNSA), Amphitheater Tondach

15:30-17:00

Merima Hadžić-Dedović (Authority Partners); Elvis Pašić (Authority Partners), Mirza Čeligija (Mistral),

Adin Mulaahmetović (HULKapps), Momčilo Amović (Lanaco), Esmina Radušić (Rubicon)

Moderator: Kristina Erak

SATURDAY 25.6. - FACULTY OF ECONOMICS (UNSA)

Symposium of postgraduate research in electrical engineering

Faculty of Economics (UNSA), Senate Room

8:45 – 15:00

SYMPOSIUM CHAIR: Ljilja Đukanović (Portugal)

8:45 – 9:00 **Opening remarks**

Ljilja Đukanović, PhD

9:00 – 9:30 **A universal approach to electric and magnetic field estimation near overhead transmission lines based on the application of artificial neural networks**

Ajdin Alihodžić (Faculty of Electrical Engineering, University of Sarajevo, Bosnia and Herzegovina)

9:30 – 10:00 **Market oriented model of multidimensional microgrid distribution system considering quality of supply**

Amer Aščerić (Faculty of Electrical Engineering, University of Ljubljana, Slovenia; JP Elektroprivreda BiH d.o.o. Sarajevo, Bosnia and Herzegovina)

 **10:00 – 10:30** **COFFEE BREAK**

10:30 – 11:00 **Integration of AI methods with path planning**

Davor Bokan (Faculty of Electrical Engineering, University of Sarajevo, Bosnia and Herzegovina, ANNT)

11:00 – 11:30 **Calculating the values of MAP, SPB and DBP from blood pressure signal measured by a derivative oscillographic method**

Kenan Saračević (Faculty of Electrical Engineering, University of Sarajevo, Bosnia and Herzegovina)

11:30 – 12:00 **Influence of atmospheric overvoltages in the low voltage networks on EV Chargers**

Miloš Jelovac (Faculty of Electrical Engineering, University of Montenegro)

12:00 – 12:30 **Micro-Plasma HV MEMS Switch for an RFID Chip Powered by Electrostatic Kinetic Harvester**

Naida Hodžić (Université Gustave Eiffel, France)

 **12:30 – 13:30** **LUNCH BREAK**

13:30 – 14:00 **Patient monitoring process automation at hospital wards by implementation of autonomous nursing robots**

Nedim Junuzović (Department of Mechatronics, Faculty of Mechanical Engineering, University of Tuzla, Bosnia and Herzegovina)

14:00 – 14:30 **Finding a new particle using data from the LHC**

Nihad Hidić (Faculty of Sciences, University in Sarajevo; ANNT, Bosnia and Herzegovina)

14:30 – 15:00 **Closing discussion and award ceremony**

 **15:00 – 15:30** **COFFEE BREAK**

SATURDAY 25.6.

BH Futures Foundation 3MT Awards Ceremony

ONLINE EVENT

15:30-17:30

Moderators: Rijad Rick Sarić, Zorana Staka, Eddie Ćustović

SUNDAY 26.6. - HOTEL HOLIDAY

2nd Meet the Medical Students event

Hotel Holiday – BIG CONFERENCE ROOM

08:00-12:30

SYMPOSIUM CHAIR(S):

Ibrahim Omerhodžić (BiH), Amer Smajkić (USA)

8:00 – 8:15 **Welcome speech and opening**

Faruk Osmankadić (Medical Faculty University of Sarajevo)

Ibrahim Omerhodžić (Medical Faculty University of Sarajevo)

Amer Smajkić (Chicago, IL, USA)

STUDENT SESSION

8:15 – 8:22 **SaMED 2022**

(Faruk Osmankadić, Ema Smajlović, Hajrudin Pašalić; Medical faculty University of Sarajevo; The Association of Students of the Medical Faculty – ASMF/USMF)

8:22 – 8:29 **SaMSIC**

(Angelina Dulić, Medical faculty University of Banja Luka)

8:29 – 8:36 **Student Sections - Studying Medicine is more than just passing the exams**

(Marta Rajić; Medical Faculty University of Mostar)

8:36 – 8:43 **Medicus**

(Ermin Muratović; Medical Faculty University of Tuzla)

8:43 – 8:50 **Medica the way of progress and development - SSST Story**

(Aida Mujčin; Sarajevo School of Science and Technology)

8:50 – 8:57 **University of East Sarajevo and Association of Medical Students**

(Nemanja Mitrović; Faculty of Medicine Foča)

8:57 – 9:04 **BoHeMSA - A window of opportunity**

(Adem Nuhović; Medical faculty University of Sarajevo)

9:04 – 9:15 **Discussion**

RISING STARS SESSION

9:15 – 9:22 **Why I left**

(Dragan Janković; Mainz, Germany)

9:22 – 9:29 **Why I stayed**

(Almir Džurlić; Sarajevo, BiH)

9:29 – 9:36 **Why did I come back**

(Adem Čemerlić; Sarajevo, BiH/Chicago, USA)

9:36 – 9:43 **Why do I want to come back**

(Dino Kovačević; Munich, Germany)

9:43 – 9:50 **From Bosnian to European Diploma**

(Fahrudin Alić; Zenica, BiH and Ibrahim Omerhodžić; Sarajevo/BiH)

9:50 – 10:00 **Discussion**

10:00 – 10:30 **COFFEE BREAK**



PANEL SESSION - INTRO

10:30 – 10:40 **How to succeed as Bosnian doctor outside Bosnia**
Emir Festić (Jacksonville, USA/BHAAAS)

10:40 – 10:50 **Periodical recertification of specialist certificates in USA**
Kenan Arnautović (Memphis, USA/BHAAAS)

ROUND TABLE - MASTER DISCUSSION SESSION

10:50 – 12:20 **How to Succeed in Medicine – our stories**
Expert Panelists:
Amer Smajkić, Ognjen Gajić, Mahira Tanović, Eldin Karaiković, Dušica Babović Vuksanović, Esad Boškailo, Kenan Arnautović, Emir Festić (All from USA/BHAAAS)

12:20 – 12:30 **Closing Remarks**



12:30 – 13:30 **LUNCH**

SUNDAY 26.06. - FACULTY OF ECONOMICS (UNSA)

WORKSHOP – Scientists as entrepreneurs

Faculty of Economics (UNSA), Amphitheatre Tondach

10:00-12:00

Workshop Moderators: Kemal Hodžić (CEO of Key Consulting) and
Ljiljana Đukanović (Chief Scientific Officer at CRIAM Knowledge)

Bosnia & Herzegovina Researchers Meetup

'Organized by BH Futures Foundation and BHAAAS'

Hotel Holiday

14:00-16:00

ART/CULTURE EVENTS

All events are open to the public*
except Gala opening Ceremony and Gala dinner

WEDNESDAY-MUSEUM OF LITERATURE AND PERFORMING ARTS

Exhibition opening

Video installation, Dr. Majda Turkić

Bosnian mediAEval Alphabet - Prayers & Talismans, Part I, Dr. Adis Elias Fejzić

Date and time: 22.6., 20:00

Venue: Museum of literature and performing arts

THURSDAY-NATIONAL GALLERY OF BIH

Exhibition opening

The line of forgetting, Dr. Branka Kopecki

Breath in the stone, M.A. Slobodan Radosavljević

Time and date: 23.6., 20:00

Venue: National Gallery of Bosnia and Herzegovina

FRIDAY- MUSEUM OF LITERATURE AND PERFORMING ARTS

Roundtable event

**30th anniversary of the beginning of the siege of Sarajevo: Roundtable Discussion About the Novel
<Kad sam bio hodža' by Damir Ovcina**

Dr. Amira Bojadžija-Dan, Moderator

Time and date: 24.6., 10:00

Venue: Museum of Literature and Performing Arts

FRIDAY-CITY HALL

Gala Opening Ceremony of the 13th Days of BHAAAS

Time and date: 24.6., 20:00

Venue: City Hall (Vijećnica)

*invitation only

Music program

Snijeg pade na behar, na voće / The Snow Fell on Trees in Bloom (traditional)

Sinan Alimanović, piano

Sinan Alimanović, M.F.A. Svetlana Bukvich, arrangement

Svetlana Bukvich, electronic sound

SATURDAY – RECTORATE OF THE SARAJEVO UNIVERSITY

Exhibit opening

Bosansko mediAEvalno pismo - Molitve i zapisni, drugi dio / Bosnian mediAEval Alphabet - Prayers & Talismans, Part II

Dr. Adis Elias Fejzić

Time and Date: 25.6., 11:00am

Venue: Rectorate of the Sarajevo University

SATURDAY - FACULTY OF ECONOMICS

Book presentation:

'Wounded I am More Awake: Finding meaning after terror', by Dr. Esad Boškailo and Julia Lieblich

Time and Date: 25.06, 17:00-18:00

Venue: Faculty of Economics, Amphitheater Tondach

SATURDAY - PIVNICA

Gala Dinner

Date and time: 25.6., 20:00

Venue: Pivnica HS

*invitation only



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