

# PROGRAM

## Computer Science and Information Technologies Student Symposium

### 17<sup>th</sup> BHAAAS Days

Date: 04.06.2026.

Location: Room 'Vrbas' Hotel Holiday Sarajevo

|       |   |
|-------|---|
| 10:00 | Introduction, <b>Prof. Almir Karabegović</b>  |
| 10:10 | "Variations of the Gradient Descent Method and Their Application in Machine Learning", <b>Naila Delalić</b> , Faculty of Electrical Engineering, University of Sarajevo                         |
| 10:20 | "Gaussian Splatting – a Real-Time Volume Rendering Technique", <b>Lamija Halilović</b> , Faculty of Electrical Engineering, University of Sarajevo  |
| 10:30 | "Detection of Digital Content Tampering Using Deep Hashing", <b>Vedad Gaštan</b> , Faculty of Electrical Engineering, University of Sarajevo  |
| 10:40 | "360 Video Streaming", <b>Eldar Hadžiselimović</b> , Faculty of Electrical Engineering University of Sarajevo   |
| 10:50 | "Development of Secure Applications Using Artificial Intelligence" <b>Lejan Kozlić</b> , Faculty of Electrical Engineering University of Sarajevo   |
| 11:00 | "Text-to-Speech Study Aid for Visually Impaired Students" <b>Faris Karkelja</b> , International Burch University  |
| 11:10 | "Out-of-Distribution Sample Detection in Image Classification", <b>Marko Đajić</b> , Faculty of Electrical Engineering, University of Banja Luka  |
| 11:20 | "English Premier League Prediction System", <b>Timur Puzo</b> , International Burch University, Sarajevo  |
| 11:30 | "Open-Source Real-Time Systems: A Quantitative Analysis of FreeRTOS on RISC-V", <b>Delaida Muminović</b> , Polytechnic Faculty, University of Zenica  |
| 11:40 | "CAMP (Campus Marketplace Platform): Student Marketplace for Sharing, Selling, and Giving", <b>Azra Arnautović</b> , International Burch University, Sarajevo                                   |
| 11:50 | "Evaluating the Impact of Lower-Body Tracking on Immersion in a VR Hiking Game" <b>Hana Ibrić</b> , University Sarajevo School of Science and Technology  |
| 12:00 | "Real-Time Speech Command Recognition on Embedded Systems", <b>Danilo Todorović</b> , Faculty of Electrical Engineering, University of Banja Luka   |
| 12:30 | <b>LUNCH</b>  |
| 13:30 | <u>Plenary Lecture (Room Holiday)</u> : "Deep Operator Neural networks – Towards Instant Modeling, Design, and Digital Twins", <b>Prof. Seid Korić</b> , University of Illinois Urban-Champaign |
| 14:30 | Award Ceremony  |