



# BHAAAS

Bosnian-Herzegovinian American Academy  
of Arts and Sciences

VRIJEME	NAZIV PREDAVANJA	PREDAVAC
<b>PETAK 21.06.2019.</b>		
<b>SYMPOSIUM: MECHATRONICS, EMBEDDED SYSTEMS &amp; ARTIFICIAL INTELLIGENCE</b> <b>HALL TUZLA</b>		
09:00 – 09:20	A LOW-SWAP, LOW-COST TRANSCEIVER FOR PHYSICALLY SECURE UAV COMMUNICATION WITH VISIBLE LIGHT	Burak Soner, Sinem Coleri Ergen
09:20 – 09:40	VALIDATION OF NOVEL SYSTEM IDENTIFICATION APPROACH BASED ON FORCED OSCILATIONS USING OPEN-LOOP EXPERIMENT	Rijad Sarić, Edhem Čustović, Dejan Jokić, Željko Jurić
09:40 – 10:00	<b>KAFE PAUZA (COFFEE BREAK)</b>	
10:00 – 10:20	EDGE COMPUTING FRAMEWORK FOR WEARABLE SENSOR-BASED HUMAN ACTIVITY RECOGNITION	Semir Salkic, Baris Can Ustundag, Tarik Uzunovic, Edin Golubovic
10:20 – 10:40	THE IMPACT OF PREDICTOR VARIABLES FOR DETECTION OF DIABETES MELLITUS TYPE-2 FOR PIMA INDIANS	Maida Kriještorac, Alma Halilović, Jasmin Kevrić
10:40 – 11:00	PREDICTION OF POWER OUTPUT FOR COMBINED CYCLE POWER PLANT USING RANDOM DECISION TREE ALGORITHMS AND ANFIS	Lejla Bandić, Mehrija Hasičić, Jasmin Kevrić
11:00 – 11:20	ARTICIALLY INTELLIGENT ASSISTANT FOR BASKETBALL COACHING	Yasin Acikmese, Baris Can Ustundag, Tarik Uzunovic, Edin Golubovic