

Symposium on Fuzzy-based Engineering Systems Program

08:30 – 09:00	Registration	Lobby
09:00 – 09:15	Opening ceremony	N. 45

Plenary talk

09:20 – 09:40	Prof. Dr. Zlatko Čović: Usage of Fuzzy Logic and Machine Learning in Web Development	N. 45
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Session on Computational Intelligence Applications (hybrid)

Session chair: Dr. András Frigyük

09:45 – 10:00	Enisa Trubljanin: Fuzzy Logic-Based control for autonomous vehicles in urban environments (online)	N. 45
10:00 – 10:15	Ahmed Douzi: How to use Artificial Neural Network (ANN) and a Fuzzy Interface System (FIS) to build a secure Autonomous vehicle model	
10:15 – 10:30	Erestina Gjeka: Prediction of wine quality using machine learning techniques (online)	
10:30 – 10:45	Sara Medojević: Mathematical models of tumor growth (online)	
10:45 – 11:00	Ihab Satam: Classification of EEG Signal for Motor Imagery of Different Joint from the Same Limb using ANFIS	
11:00 – 11:15	Coffee break	
11:15 – 11:25	Award ceremony	

Session on Fuzzy Applications

Session chair: Peter Juma Ochieng

10:00 – 10:15	Bill Omole: Fuzzy Control Systems	J.200 /B
10:15 – 10:30	Hamid Ali Hama Salih: Fuzzy Reliability Block Diagram (FRBD)	
10:30 – 10:45	Ian Mwenesi: Lane detection: Vision 2060 , smart cars	
10:45 – 11:00	Ammar Ali Mohammed Quran: Fuzzy Logic Control for Photovoltaic Connected Power Grid Control	
11:00 – 11:15	Peter Juma Ochieng: Adaptive Savitzky–Golay Filters for Analysis of Copy Number Variation Peaks from Whole-Exome Sequencing Data	
11:15 – 11:45	Coffee break	
11:45 – 12:00	Award ceremony	

12:45 – 13:15	Pneumobile show (for the on-site participants)	Courtyard
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