Advanced Methods and Technologies for Data Science and Cooperative Systems

Centre of Research Excellence for Data Science and Cooperative Systems
Research unit for Cooperative Systems (ACROSS)

10th International Workshop on Advanced Cooperative Systems (IWACS 2026)

Date: **Friday, December 4, 2026**
Place: **University of Zagreb, Faculty of Electrical Engineering and Computing (UNIZG-FER)**
Address: **Grey Hall, Unska 3, 10000 Zagreb, Croatia**

Workshop agenda

Opening session	
09:15-09:30	**Vedran Bilas**, *UNIZG-FER, Dean* **Ivan Petrović**, *CoRE - ACROSS Research Unit, General Chair* Welcome address, program of the workshop
Morning Session: Overview of ACROSS research activities	
09:30-10:18	**Luka Petrović, Stjepan Bogdan, Nikola Mišković, Filip Šuligoj, Vicko Prkačin, Marina Banov**, *CoRE - ACROSS Research Unit, Croatia* ACROSS research in autonomous and cooperative robotic systems
10:19-10:42	**Ivan Marković, Jana Dukić, Ivan Volarić,** *CoRE - ACROSS Research Unit, Croatia* ACROSS research in cognitive vision
10:43-11:20	**Coffee break**
11:20-12:00	**Marko Bosiljevac, Dragan Poljak, Hrvoje Džapo, Darko Vasić, Ivana Podnar Žarko,** *CoRE - ACROSS Research Unit, Croatia* ACROSS research in pervasive sensing and human-centric networked services
12:00-12:40	**Andrej Jokić, Branimir Škugor, Šandor Ileš, Tomislav Capuder, Vinko Lešić,** *CoRE - ACROSS Research Unit, Croatia* ACROSS research in control and estimation strategies for cyber-physical systems
12:40-13:40	**Lunch**
Afternoon Session 1: Presentation of some active Horizon projects by ACROSS members	
13:40-14:00	**Zvonimir Šipuš,** *CoRE - ACROSS Research Unit, Croatia* FITNESS - Flexible InteligenT NEar-field Sensing Skins
14:00-14:20	**Ivana Palunko**, *UNIDU & CoRE - ACROSS Research Unit* ONE-BLUE - Integrated approach to assess the levels and impact of contaminants of emerging concern on BLUE health and biodiversity modulated by climate change drivers
14:20-14:40	**Mario Vašak**, *UNIZG-FER & CoRE - ACROSS Research Unit* RESURGENCE - Industrial Water Circularity: Reuse, Resource Recovery and Energy Efficiency for Greener Digitised EU Processes
14:40-15:00	**Coffee break**
15:00-15:20	**Hrvoje Pandžić**, *UNIZG-FER & CoRE - ACROSS Research Unit* SynGRID - Creating synergies in Widening countries on the topic of low-voltage grid management
15:20-15:40	**Nikola Mišković**, *UNIZG-FER & CoRE - ACROSS Research Unit* UWIN-LABUST - ERA Chair in Internet of Underwater Things at LABUST
15:40-16:00	**Ivan Petrović**, *CoRE - ACROSS Research Unit, General Chair* EXCEED-AIR - Excellence Initiative for European Empowerment and Development in AI-Driven Robotics

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