



Session chair record

13 October 2026 | 13:00–14:40 | Debrecen

Chairs: Dr. József Menyhárt, Róbert Mikuska

Replacement chair: _____

Enter the actual presenter's full name for each paper, or tick No-show.

Time	Paper and authors	Presenter or No-show
13:00	IN-PERSON - AMIRA26-000027 Elena-Lorena Hedrea, Radu-Emil Precup, Claudia-Adina Bojan-Dragos, Anh-Tu Nguyen Virtual Reference Feedback Tuning for Liquid Level Control of a Vertical Three Tank System <i>Section: Education and Other Related Topics</i>	<u>Radu-Emil Precup</u> ☐ No-show
13:20	IN-PERSON - AMIRA26-000025 Yasir Ijaz, Sonya Coleman, Dermot Kerr, Nazmul Siddique, Cormac McAteer, Bryan Baker, Khoi Nguyen BoxMix-UDA: Bridging the Cross-Domain Gap in Semiconductor Load Station Inspection <i>Section: Data-driven Modelling of Engineering Systems</i>	<u>Yasir Ijaz</u> ☐ No-show
13:40	IN-PERSON - AMIRA26-000048 Peter Korondi, Szilveszter Kovács, Balázs Őrsi Modeling Human Robot Related Attitude with Interpolative Fuzzy State Machines <i>Section: Data-driven Modelling of Engineering Systems</i>	<u>Szilveszter Kovács</u> ☐ No-show
14:00	IN-PERSON - AMIRA26-000042 Sándor Piros, Ravichandran Danthakani, Rajesh Divakaran, Said Kafumbe, Emad Abd-Elrady, Mahesh Nair An Edge-AI and LF-RFID Guided Intelligent Station for Urban Animal Care and Tracking <i>Section: Human Robot Interaction</i>	<u>Sándor Piros</u> ☐ No-show
14:20	IN-PERSON - AMIRA26-000015 Anisom Chakraborty, Enzo Indino, Sandra Victor, Robin Passama, Gowrishankar Ganes Digital Eyes for Communication Between Automated Vehicle and Multiple Vulnerable Road Users: an Exploratory First Study <i>Section: Autonomous Mobility and Transportation Systems</i>	<u>Anisom Chakraborty</u> ☐ No-show

Timing and return instructions

Each paper has a 15-minute slot: up to 12 minutes to present, followed by questions and changeover. Show the 3-min card at 9 minutes and the 1-min card at 11 minutes. End the presentation at 12 minutes and keep to the published schedule.

After the session, return this completed sheet and BOTH timing cards (1-min and 3-min) to the information desk in the second-floor foyer.

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R. Menyhárt

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R. Mikuska



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Session chair record

13 October 2026 | 15:10–16:50 | Debrecen

Chairs: Dr. Sándor Piros, Károly Árpád Kis

Replacement chair: _____

Enter the actual presenter's full name for each paper, or tick No-show.

Time	Paper and authors	Presenter or No-show
15:10	IN-PERSON - AMIRA26-000012 Bennet Greve, Chathura Wanigasekara, Matthias Knauer Sensitivity Analysis of Bi-Level Optimization for Resource Utilization in Maritime Container Terminals Under Disruptions Section: <i>Autonomous Mobility and Transportation Systems</i>	<u>Bennet Greve</u> ☐ No-show
15:30	IN-PERSON - AMIRA26-000012 Ghofrane Gmar, Mayar Taleb, Géza Husi Mobile Robot Navigation Algorithm with an Enhanced Reinforcement Learning Method Section: <i>Navigation and Localization Systems</i>	<u>Mayar Taleb</u> ☐ No-show
15:50	ONLINE - AMIRA26-000017 Viktor Sári-Barnácz, Bálint Fazekas, Tibor Goda, Tamas Antal Varga Data-Driven Evaluation of Hyperelastic Models for Tribology Applications Calibrated on Multiaxial Loads Section: <i>Data-driven modelling of engineering systems</i>	<u>Viktor Sári Barnácz</u> ☐ No-show
16:10	IN-PERSON - AMIRA26-000043 Ravichandran Danthakani, Said Kafumbe, Ravi Suppiah, Sandor Piros, Emad Abd-Elrady, Salama Saif Salem Abdulla Alhosani Design, Sensor Fusion Architecture, and Experimental Validation of an Embedded Mechatronic System for Multi-Stream Urban Waste Classification Section: <i>Social and Service Robots</i>	<u>Salama Alhosani</u> ☐ No-show
16:30	IN-PERSON - AMIRA26-000046 Ravichandran Danthakani, Said Kafumbe, Nagayya Hiremath, Sandor Piros, Sasi Kumar, Emad Abd-Elrady Design and Experimental Validation of an Off-Grid Smart Solar-Powered Food Composter Bin (SoliBin) Section: <i>Social and Service Robots</i>	<u>Ravichandran D. and Sasi Kumar</u> ☐ No-show

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14 October 2026 | 13:30–15:10 | Debrecen

Chairs: Dr. Sándor Piros, Emese Sarvajcz-Bánóczy

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Time	Paper and authors	Presenter or No-show
13:30	ONLINE - AMIRA26-000034 Ram Chandra Palsaniya AI Driven Smart Semiconductor Manufacturing Fab Automation Using Digital Twins, Predictive Maintenance, and Collaborative Robotics <i>Section: Data-driven Modelling of Engineering Systems</i>	<u>RAM CHAUDRA P.</u> ☐ No-show
13:50	ONLINE - AMIRA26-000020 Aron Feher, Zoltán Szántó, Mátyás-Levente Borbáth Real-Time 3D Printing Process Monitoring and Fault Detection on Cloud-based Deep Learning <i>Section: Drone Technologies and Industrial Applications</i>	<u>MÁTYÁS-LEVENTE BORBÁTH</u> ☐ No-show
14:10	ONLINE - AMIRA26-000035 Mohammad Fiuzy, Stefan Rass Game-Theoretic Resilient Control of Nonlinear Multi-Agent Systems Under Stochastic Adversarial Attacks <i>Section: Drone Technologies and Industrial Applications</i>	<u>Mohammad Fiuzy</u> ☐ No-show
14:30	ONLINE - AMIRA26-000021 Aron Feher, Zoltán Szántó, Vajk-István Balázs Cloud-Native Digital Twin Architecture for Soft Real-Time Supervisory UR3 Robot Telemetry and Control <i>Section: Drone Technologies and Industrial Applications</i>	<u>VAJK-ISTVÁN BALÁZS</u> ☐ No-show
14:50	ONLINE - AMIRA26-000036 Phuoc Nguyen Khoi Tran, Phuoc Vinh Huynh, Hưng Nguyễn, Phuc Truong Loc Nguyen Edge-Based 3D Reconstruction and Remote Monitoring Using a Stepper-Actuated 2D LiDAR over MQTT <i>Section: Navigation and Localization Systems</i>	<u>PHUOC VINH HUYNH</u> ☐ No-show

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Dr. Sándor Piros

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Emese Sarvajcz-Bánóczy



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15:30	ONLINE - AMIRA26-000038 Bekir Taha Alver, İlhan Kocaarslan A Comparative Evaluation of Local Planners for Differential-Drive Mobile Robots <i>Section: Navigation and Localization Systems</i>	<u>Bekir Taha Alver</u> ☐ No-show
15:50	ONLINE - AMIRA26-000019 Hunor Simon, Aron Feher, Lorinc Marton Graph Signal Processing for Range-Based Mobile Robot Localization <i>Section: Navigation and Localization Systems</i>	<u>Hunor Simon</u> ☐ No-show
16:10	ONLINE - AMIRA26-000022 Yeeshtdevisingh Hosanee, Laya Jose, Madhuka Jayawardhana Junior Programmers AI-Emergence: Teaching Computer Network (CN) OSI Layers with Pluralism Epistemology (Electronics Intra- and Audio Inter-Disciplinary) <i>Section: Education and other related topics</i>	<u>Yeeshtdevisingh Hosanee</u> ☐ No-show
16:30	ONLINE - AMIRA26-000030 Oladapo Ibitoye, Oludayo Olugbara, Ughesni Moodley Contexts and Prospects of Humanoid Robots Deployment in Academic Libraries <i>Section: Social and Service Robots</i>	<u>Oladapo Ibitoye</u> ☐ No-show
16:50	ONLINE - AMIRA26-000037 Furong He, Baizhan Li Social Service Robots for the Chinese Aging Population: Key Technologies, Application Scenarios and Localized Implementation <i>Section: Social and Service Robots</i>	<u>Furong He</u> ☐ No-show

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