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## *SACI 2024*

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### Program on May 21 (Room Marbella I-II, Hotel Azúr, Siófok)

9:00 – 9:15 **Opening Ceremony**

**Levente Kovács, József Bokor, Tamás Haidegger, Péter Galambos**

**Session I Chair: Levente Kovács**

9:15 – 9:30 **Nikola Kasabov** greetings (online)

9:30 – 10:00 **Tamás Haidegger**: Strategies and Outcomes of Building a Successful University Research and Innovation Ecosystem

10:00 – 10:30 **Péter Galambos**: Reflecting on a Decade of Excellence at the Antal Bejczy Center for Intelligent Robotics

10:30 – 10:50 **Coffee break**

**Session II Chair: Robert Kozma**

10:50 – 11:10 **Dezső Sima**: The Basic Design Space of Out-of-Order Execution in CPU Cores

11:10 – 11:30 **Naoyuki Kubota**: Fast Multi-scale Batch-Learning Growing Neural Gas

11:30 – 12:00 **Ying (Gina) Tang**: Towards Adaptive and Personalized Cyber-physical Social System

12:00 – 14:00 **Lunch**

**Session III Chair: Valentina Balas**

14:00 – 14:30 **Shahnaz N. Shahbazova**: Preprocessing of Visual and Audio Information Based on a Fuzzy Network

14:30 – 15:00 **Aurél Galántai**: Convergence of the Nelder-Mead Method for Convex Function

15:00 – 15:30 **Radu-Emil Precup**: Hamiltonian-Based Control Approach with Pendulum Application

15:30 – 16:00 **Coffee break**

**Session IV**    **Chair: Hamido Fujita**

16:00 – 16:30 **Ivana Štajner-Papuga**: On Horizontal Fuzzy Relations and Hypotheses Testing

16:30 – 17:00 **Janos Grantner**: Towards the Development of an Automated Assessment System for the Fundamentals of Laparoscopic Surgery Tests

**18:00** **Gala dinner** (Room Toscana I)