

ICASC 2023 CONFERENCE PROGRAM

Wednesday 18.10.2023

10:00 – 11:00 **Registration**
 11:00 – 11:20 **Conference Opening Ceremony**

SESSION 1

Chairman **Jánosi Loránt**

11:20 – 12:00	Gheorghe Adam <i>The Pivotal Role of Input Validation for Robust and Reliable Bayesian Automatic Adaptive Quadrature</i>
12:00 – 12:30	Mihnea Dulea <i>Devising advanced computing solutions for scientific communities</i>

13:00 – 15:00 **Lunch**

SESSION 2 – Partial ONLINE

Chairman **Mihnea Dulea**

[Presentations link](#)

15:00 – 15:20	Andrei-Daniel Tudosi <i>A Python-based Approach for Monitoring and Troubleshooting Snort IDS in Distributed Firewall Environments</i>
15:25 – 15:45	Mihaela Cosinschi <i>Enhancing biomarker detection using artificial neural networks</i>
15:50 – 16:20	Nicolae Constantinescu <i>Implementing the Open Science infrastructure at IFIN-HH</i>
16:25 – 16:45	Marius Iulian Cluci, Ciprian Pînzaru <i>OpenStack in higher education and academic research: A case study on benchmarking Big Data processing tools</i>
16:50 – 17:10	Dragoș Ciobanu-Zabet <i>InfiniBand clusters on demand in a distributed container environment</i>

17:30 **Welcome cocktail**

Thursday 19.10.2023

SESSION 3/1

Chairman **Emanuel Pușchiță**

10:00 – 10:20	Attila Bende <i>Molecular Modelling of Photochemical Properties in Molecules and Supramolecular Assemblies</i>
10:20 – 10:40	Alexandra Farcaș <i>Computational design of anti-cancer peptides</i>

10:40 – 11:00	Ionuț-Cătălin Donca <i>Automated Detection and Management of Deprecated Helm Releases in Kubernetes</i>
11:00 – 11:15	Raluca Nelega <i>Radio Frequency-Based Drone Detection and Classification using Deep Learning</i>

11:15 – 11:30 **Coffee Break**

SESSION 3/2

Chairman **Emanuel Pușchiță**

11:30 – 11:50	Felix Fărcaș <i>Computing and beyond at INCDTIM</i>
11:50 – 12:10	Levente Máthé <i>Phonon signatures in Majorana mode detection for quantum computing</i>
12:10 – 12:30	Alexandru Oprea <i>UAS-based Antenna Radiation Pattern Measurements: A Practical Approach</i>
12:30 – 12:50	Larisa Pioraș-Țimboiu <i>Fluxonium qubits for quantum computing</i>

13:00 – 14:30 **Lunch**
15:00 – 18:00 **Round Table Cloud Computing - [ONLINE](#)**

Friday **20.10.2023**

SESSION 4

Chairman **Gheorghe Adam**

10:00 – 10:20	Mihai Ciubancan <i>Tackling management complexity in an evolving Grid computing infrastructure</i>
10:25 – 10:45	Felix Fărcaș <i>Development of Grid Computing in the last years at INCDTIM</i>
10:50 – 11:10	Radu Trușcă <i>Experimental Control Of Thermal Processes To Increase The Availability And Reliability In Datacenters</i>
11:15 – 11:35	Dorin-Mihail Dinulescu

11:35 **Closing Ceremony**

13:00 – 14:00 **RO-LCG Meeting - [ONLINE](#)**