8th International Conference on Mathematics and Informatics

September 9-10, 2021

https://mathinfo.ms.sapientia.ro/2021/

Day 1

Time: Thursday, September 9, **09:50-13:00**, EET (UTC+03:00) **Room:** https://meet.google.com/aty-vxcq-mku **Session Chair:** Zoltán Kása	
9:50	**Opening**
10:00	**Why Romania is a much better place than you think** Krisztián Buza
11:00	**Efficient program representation for code comprehension** Tibor Brunner
11:30	**Targeted static fault localization in Erlang programs** Zsófia Erdei
12:00	**An Approach for Formalizing the Memory Consumption of C++ Standard Template Library Containers** Attila Gyen
12:30	**Nonlinearity of the non-Abelian gauge field theory on lattice considering the spectrum of Kolmogorov-Sinai entropy and complexity** Agnes Fulop
13:00	**Lunch break (1 hour)**
Time: Thursday, September 9, **14:00-16:30**, EET (UTC+03:00) **Room:** https://meet.google.com/aty-vxcq-mku **Session Chair:** Pálma Rozália Osztián	
14:00	**Influencing factors in developers' code comprehension** Anett Fekete
14:30	**EdTech and online teaching during the COVID-19 pandemic** Zoltán Kátai

15:00	**Algorithm visualization using human movement effect: It's your turn** Pálma Rozália Osztián
15:30	**Inspired by Fireworks: A Novel Swarm Intelligence Algorithm** Mirtill-Boglárka Naghi
16:00	***~~Kinect-Based Gesture Recognition for micro:bit Robot Car Control~~*** Lehel István Kovács

Day 2

Time: Friday, September 10, **10:00-13:00**, EET (UTC+03:00) **Room:** https://meet.google.com/aty-vxcq-mku **Session Chair:** Boróka Olteán-Péter	
10:00	**Label noise handling on MNIST with neural networks** László Fórián
10:30	**A hybrid CNN-SVM approach with dynamic time warping for time series classification** Kamil Książek
11:00	**User authentication using deep learning on SapiMouse dataset** Norbert Fejér
11:30	**IRP Classification and Probe Positioning Failure Detection in High-Resolution Esophageal Manometry using Machine Learning** Zoltan Czako
12:00	**Comparing epidemiological models with the help of visualization dashboards** Boróka Olteán-Péter
12:30	**Predicting at-risk students using weekly activities and Assessments** Moohanad Jawthari