

Computer Science Students Conference 2021
June 23, 2021
CLUJ-NAPOCA, ROMANIA

9:00-9:15, Microsoft Teams (SCSS-2021 - General)			
<i>Welcome Ceremony</i>			
13.15 - Premiere (SCSS-2021 - General)			
Panel 1 Avram Sanda, Cenan Calin		Panel 2 Coroiu Adriana, Sebestyen Gheorghe	
9:15 – 9:30	<i>Pojoga Sonia</i> Expense Tracking with Automatic Payment Detection Using Table Comprehension - UBB	9:15 – 9:30	<i>Grosu Cristian</i> Applications of Artificial Intelligence in Evolutionary Art - UBB
9:30 – 9:45	<i>Vlad Petrean</i> LSTM V (S)ARIMA. A time series forecasting comparison- UTCN	9:30 – 9:45	<i>Paul Rednic</i> DanceSpace – A Social Media and Intelligent Learning Platform Mobile Application for the Dancing Community - UTCN
9:45 – 10:00	<i>Ungureanu Ionut-Vladimir</i> Secure live communication through cryptography: An OpenPGP perspective - UBB	9:45 – 10:00	<i>Moldovan Vasilica-Andreea</i> Skin Lesion Classification using Deep Learning - UBB
10:00 – 10:15	<i>Acs David, Szabo Balint</i> Attack surface of Windows Subsystem for Linux 1 - UTCN	10:00 – 10:15	<i>Alexandru Motioc</i> Machine Learning in Detecting Customer Purchase Behavior - UTCN
10:15 – 10:30	<i>Karda Edith</i> Information Extraction and Formal Concept Analysis in Pharmacology – UBB	10:15 – 10:30	<i>Chis Raluca Diana</i> Stock Prediction using Neural Networks, ARIMA and Sentiment Analysis - UBB

10:30 – 10:45	<i>Campean Adelina Ioana</i> Test Package for Stress and Fatigue Detection –UTCN
10:45 – 11:00	<i>Posa Dorel-Gabriel</i> A Complete Pipeline for Managing and Analyzing Sensor Data Using Cloud Solutions – UBB
11:00 – 11:15	<i>Ana Rednic, Septimiu Crisan</i> Design and Implementation of a Markings Assisted Guide Robot for Art Museums –UTCN
11:15 – 11:30	<i>Viregan Nicoleta</i> Discovering and Building Knowledge Spaces – UBB
11:30 – 11:45	<i>Andreea Ilies</i> Understanding Cooking Recipes’ Structure using Grammars -UTCN
11:45 – 12:00	<i>Popa Maria</i> Using FCA to investigate ISI Web of Knowledge COVID-19 related scientific papers - UBB
12:00 – 12:15	<i>Andrei Diaconescu</i> ACoMPA - Access Control Matrix ProcessingAssistant - UTCN
12:15 – 12:30	<i>Cristian Nitu</i> Natural Language Understanding through Logical Word Puzzles - UTCN
12:30 – 12:45	<i>Alb Dan-Cristian</i> Learning Analytics: A new approach and tool support - UBB

10:30 – 10:45	<i>Alina Somcutean</i> Find the Stars -UTCN
10:45 – 11:00	<i>Răzvan-Daniel Zoltan</i> Romanian Sign Language Recognition using One-Shot Learning - UBB
11:00 – 11:15	<i>Beatrice-Andreea Marginean</i> Predicting Age-related Macular Degeneration evolution from OCT scans - UTCN
11:15 – 11:30	<i>Nechita Teodora</i> Augmented Reality Clothing Try-on - UBB
11:30 – 11:45	<i>Andreea Pricopi</i> Predicting the Geoeffectiveness of CMEs Using Machine Learning -UTCN
11:45 – 12:00	<i>Miruna-Maria Morarasu</i> DetIMP – Using Natural Language Processing Techniques to Identify Paediatric Drug Interactions - UBB
12:00 – 12:15	<i>Bogdan Podaru</i> Learning to cooperate Using Deep Reinforcement Learning - UTCN
12:15 – 12:30	<i>Edina Kando</i> Visual acuity prediction based on features extracted from optical coherence tomography using convolutional autoencoders - UTCN
12:30 – 12:45	<i>Cazaciuc Valentin</i> Dual Collaborative Variational Autoencoders for Recommender Systems - UBB

Panel 3 Miholca Diana, Ion Augustin Giosan	
9:15 – 9:30	<i>Pop Ioan-Daniel</i> Using ANN to predict Bankruptcy – analyzed case: Romania - UBB
9:30 – 9:45	<i>Sebastian George Urda</i> Increasing Air Pollution Awareness Through Observations and Measurements - UTCN
9:45 – 10:00	<i>Boanca Sara</i> ADVI vs NUTS: Study of Performance Metrics Trade off in Bayesian Neural Networks - UBB
10:00 – 10:15	<i>Attila- Balazs Kis</i> CANComm – A Lightweight Automotive Network Simulator - UTCN
10:15 – 10:30	<i>Baciu Ioana</i> Rails Scene Understanding Using Semantic Segmentation – UBB
10:30 – 10:45	<i>Laura Ceuca, Ana Rednic</i> Safer Museum Guide Interaction During a Pandemic and Further Using NLP in Human Interactive Museum Visits - UTCN
10:45 – 11:00	<i>Petrescu Andrei</i> Music Recommendations Based on User’s Mood Using Convolutional Neural Networks - UBB
11:00 – 11:15	<i>Lucian Dorin Stroia</i> Management of a Park of Loanable Scooters - UTCN

Panel 4 Calin Alina, Suci Alin	
9:15 – 9:30	<i>Ionut Cosmina</i> A Study of Classification Algorithms and Parameter Optimization for Medical Diagnosis - UBB
9:30 – 9:45	<i>Ioana Cheres</i> Artificial Intelligence Art for Public Ethics Debate - UTCN
9:45 – 10:00	<i>Diaconu Bogdan-Alexandru</i> Comparison Between Artificial Intelligence Algorithms in Pokemon Battles - UBB
10:00 – 10:15	<i>Laszlo Ciople</i> Pandora UndeleteExt File Recovery on ext3 and ext4 File Systems - UTCN
10:15 – 10:30	<i>Orsolya-Renáta Szócs</i> User Authentication via Keystroke Sound Using Siamese LSTMs - UBB
10:30 – 10:45	<i>Andreea-Nicoleta Damsa</i> Visual acuity analysis in relation with OCT data for AMD patients UTCN
10:45 – 11:00	<i>SARKÓZI Melisa - Alexandra</i> Facial Recognition Using Deep Learning - UBB
11:00 – 11:15	<i>Robert Varadi, Gabriel Rat</i> Infrastructure for Capturing and Persisting Virtualization-Specific Events Triggered by In-Guest Process Executions for Behavioral-Based Analysis –UTCN

11:15 – 11:30	<i>Nicoleta-Teodora Vezan, Marian Georgiana, Frasier Alexandru</i> Enhancements on a Pipelined Approach for AMR parsing - UTCN
11:30 – 11:45	<i>Robert George Colt</i> Automatic Summarization of Romanian User Reviews using Unsupervised Abstractive Methods - UBB
11:45 – 12:00	<i>Topan Mihai, Radu-Marian Portase</i> Behavioural Description Language -UTCN
12:00 – 12:15	<i>Breje Mihai-Paul</i> Character Level Embedding Classification Approach to Automatic Data Breach Parsing - UBB
12:15 – 12:30	<i>Ioana Diana Muresan</i> Automated Vacuum Cleaner Robot – UTCN
12:30 – 12:45	<i>Tudor Rus, Carla-Maria Rusu</i> Traffic Monitoring System. Analysis of video captured traffic data.

11:15 – 11:30	<i>Tolciu Tudor</i> Label Detection on Medical Tubes using Computer Vision and Artificial Intelligence - UBB
11:30 – 11:45	<i>Teofil Bodea</i> Load Balancing Strategies and MLFQ Dynamic Priority Computation in Multiprocessor Systems -UTCN
11:45 – 12:00	<i>Dragomir Manuel-Alexandru</i> Chest X-rays Diagnosis using Deep Learning: Binary Classification and Object Detection - UBB
12:00 – 12:15	<i>Tarnu Ilie-Cristian</i> EEG Seizure Event Classification using Common Machine Learning and Signal Processing Approaches - UBB
12:15 – 12:30	<i>George Mihali</i> Identifying zero-day binary attacks in mainstream applications - UTCN