

**Computer Science Students Conference 2018**  
**June 25, 2018**  
**CLUJ-NAPOCA, ROMANIA**

9:00-9:15, C335 Welcome Ceremony			
Session 1 / C310		Session 2 / C335	
9:15 – 9:30	<i>Badila Mihai-Alexandru</i> <b>Logo Detection with Convolutional Neural Networks UBB</b>	9:15 – 9:30	<i>George - Bogdan Maca</i> <b>Road condition classification using Convolutional Neural Networks UBB</b>
9:30 – 9:45	<i>Sergiu Cosmin Nistor</i> <b>Sentiment Analysis on Tweets using Recurrent Neural Networks UBB</b>	9:30 – 9:45	<i>Pop Tudor Marian</i> <b>A new decentralised search ecosystem with smart contracts over a p2p protocol UBB</b>
9:45 – 10:00	<i>Adrian Buda</i> <b>Data Leakage Prevention System Using Microsoft File System Minifilter Drivers UTCN</b>	9:45 – 10:00	<i>Alexandru Ilovan</i> <b>Mobile Solution for Wireless Networks Pen Testing -UTCN</b>
10:00 – 10:15	<i>Dogaru Andrei-Florin</i> <b>Video Games Developing Humanity Within UBB</b>	10:00 – 10:15	<i>Dînga Mădălina</i> <b>iPLuS – an Intelligent Parking Lot Detection and Management System UBB</b>
10:15 – 10:30	<i>Andreea Onaciu</i> <b>Ensemble of artificial neural networks for Aspect Based Sentiment Analysis UTCN</b>	10:15 – 10:30	<i>Bumb Alexandru</i> <b>Weather &amp; Soil Data Provider for WSN simulators UTCN</b>
10:30 – 10:45	<i>Pruteanu Cristian Cosmin</i> <b>Food Image Recognition for Dietary Assessment UBB</b>	10:30 – 10:45	<i>Heghedus Razvan Ioan</i> <b>Geological modelling using compute shader and Vulkan UBB</b>
10:45 – 11:00	<i>Ioan Ovidiu Enache</i> <b>Managing Software Packages UBB</b>	10:45 – 11:00	<i>Lang Christian-Gabriel</i> <b>Bitcoin Trading Bot UBB</b>
11:00 – 11:15	<i>Constantin Masca</i> <b>Extracting Relevant</b>	11:00 – 11:15	<i>Damira Petrean</i> <b>Human Activity Pattern</b>

	<b>Information from Prescriptions - UTCN</b>
<b>11:15 – 11:30</b>	<i>Suceveanu Mircea</i> <b>Fast medical imaging reconstruction using the NonUniform Fourier Transform UBB</b>
<b>11:30 – 11:45</b>	<i>Suceveanu Mircea</i> <b>Accelerating the Non-Uniform Discrete Fourier Transform and Beyond UBB</b>
<b>11:45 – 12:00</b>	<i>Szakacs Laszlo</i> <b>Deep learning for Localisation -UTCN</b>
<b>12:00 – 12:15</b>	<i>Ciprian Stupinean</i> <b>Computational thinking in primary education UBB</b>
<b>12:15 – 12:30</b>	<i>Anca Madalina Nandra</i> <b>A Distributed System for the Support and Monitoring of the Public Healthcare Services - UTCN</b>

	<b>Recognition for Elderly People using Hidden Markov Models - UTCN</b>
<b>11:15– 11:30</b>	<i>Nicoara Ionut Paul</i> <b>An Abstract Approach of Database Restructuration and Pseudonymization in Accordance with GDPR UBB</b>
<b>11:30 – 11:45</b>	<i>Inovan Maria Mihaela</i> <b>Artificial intelligence techniques applied in beekeeping UBB</b>
<b>11:45 – 12:00</b>	<i>Alexandra Ghiurau</i> <b>Abstractive Text Summarization with pre-trained embeddings and reversed input -UTCN</b>
<b>12:00 – 12:15</b>	<i>Turean Nicoleta Christine</i> <b>Arrow Detection in the Context of Autonomous Driving Assistant Systems UBB</b>
<b>12:15 – 12:30</b>	<i>Cristian Pinte, Eugen Pinte</i> <b>Extending CloudSim with Cooling System Energy Models – UTCN</b>

**12:30 – 13:00**  
*Lunch Break*

<b>Session 1 / C310</b>	
<b>13:00 – 13:15</b>	<i>Albu Alexandra-Ioana</i> <b>Generalization and analysis of a secret sharing-based electronic voting system UBB</b>
<b>13:15 – 13:30</b>	<i>Paula Petrinca</i> <b>Immune System Modelling and Analysis using CARMA - UTCN</b>
<b>13:30 – 13:45</b>	<i>Tudor Văran</i> <b>Crowdsourced Cartography with</b>

<b>Session 2 / C335</b>	
<b>13:00 – 13:15</b>	<i>Truța Diana Denisa</i> <b>Intelligent Booking System UBB</b>
<b>13:15 – 13:30</b>	<i>Paul Bota</i> <b>Environmental Parameters Monitoring Platform and Application - UTCN</b>
<b>13:30 – 13:45</b>	<i>Alexandra Veronica Rinja</i> <b>Domain Specific</b>

	<b>Convolutional Neural Networks UBB</b>		<b>Language for therapy planning UBB</b>
<b>13:45 – 14:00</b>	<i>Delia-Elena Dumitru</i> <b>Automatic detection of optical features in scanned photographs UBB</b>	<b>13:45 – 14:00</b>	<i>Muresan Raul</i> <b>Concurrent Algorithms For Optimizing User Search UBB</b>
<b>14:00 – 14:15</b>	<i>Raluca Lazar, Cristina Matei, Raluca Sechel</i> <b>Artifact detection in EEG using machine learning – UTCN</b>	<b>14:00 – 14:15</b>	<i>Diana Popa</i> <b>Effect of air quality on emotional state - UTCN</b>
<b>14:15 – 14:30</b>	<i>Iudean Bogdan, Fenesan Tudor, Abrudan Rares</i> <b>World View - Real Estate Visiting Solution UBB</b>	<b>14:15 – 14:30</b>	<i>Nasca Sergiu Alin</i> <b>Pole Detection UBB</b>
<b>14:30 – 14:45</b>	<i>Bodea Nicolae</i> <b>An approach of protecting user-mode processes from the Hypervisor level UBB</b>	<b>14:30 – 14:45</b>	<i>Jugariu Mihai</i> <b>CUDA Memory Optimizations for Fast NMR Volumetric Ray Casting UBB</b>
<b>14:45 – 15:00</b>	<i>Mărieș Sergiu-Cătălin</i> <b>An Evolutionary Approach to Decision Tree based Classification UBB</b>	<b>14:45 – 15:00</b>	<i>Oana Maria Popa</i> <b>Interleaving textual entailment and summarisation - UTCN</b>
<b>15:00 – 15:15</b>	<i>Alexandra Neamtu</i> <b>Statistical Evaluation of Metrics for Software Understandability UBB</b>	<b>15:00 – 15:15</b>	<i>Sergiu Redeca</i> <b>Designing agents for the Stratego game - UTCN</b>
<b>15:15 – 15:30</b>	<i>Andrei Rares Bucur</i> <b>Real time document/paper scanner</b>	<b>15:15 – 15:30</b>	<i>Muresan Paul-Ionut</i> <b>Hybrid Training Techniques in Machine Learning UBB</b>
<b>15:30 – 15:45</b> <b>C335</b> <i>Awards and Closing Ceremony</i>			