

Program of SYNASC'17 = workshops =

Thursday, September 21		
10:30-12:00	<p>ACSys Workshop. Room 045C. Chair: <i>Gabriel Iuhasz</i></p> <ul style="list-style-type: none"> • <u>Kalliopi Kravari</u> and Nick Bassiliades. <i>Social principles in agent-based trust management for the Internet of Things</i> • <u>Ioana Andra Codreanu</u> and Adina Magda Florea. <i>A home based health-care solution for older adults using Kinect</i> • Adriana Dinis, <u>Todor Ivascu</u> and Viorel Negru. <i>Towards a Complex Evolutionary Agent-Based System for Medical Sensor Data</i> • <u>Costin Bădică</u>, Alex Becheru and Samuel Felton. <i>Integration of Jason Reinforcement Learning Agents into an Interactive Application</i> • <u>Victor Artigues</u>. <i>Volume estimation in point cloud using multi-agent system</i> 	<p>Geoinfo Workshop (1). Room A13.</p> <p>Tutorial. Chair: <i>Marcel Torok-Oance</i></p> <p>Andreea Călugăru - <i>Dynamic Processing of satellite imagery in the ArcGIS Environment</i></p>
13:30-15:00	<p>Geoinfo Workshop (2). Room A13.</p> <p>Tutorial. Chair: <i>Marcel Torok-Oance</i></p> <p>Andreea Călugăru - <i>Smart Mapping – Mapping made easy</i></p>	
15:20-17:20	<p>Geoinfo Workshop (3). Room A13. Chair: <i>Cosmin Bonchiş</i></p> <ul style="list-style-type: none"> • Andreea Calugaru, <u>Alin-Ionut Pleşoianu</u>, Ionuţ Alixandroae and Doru Mihai. <i>3D Procedural modelling for urban environments.</i> • Mihai Mircea Moise. „<i>Our Inner City</i>” through time – <i>WebGIS application for the exploratory analysis of spatio-temporal data</i> • Marinela Adriana Cheţan and <u>Andrei Dornik</u>. <i>Recent changes of habitat types in the Natura 2000 site Apuseni-Vlădeasa Mountains</i> • <u>Teodora Selea</u> and Marian Neagul. <i>Using Deep Networks for Semantic Segmentation of Satellite Images</i> • <u>Marcel Torok-Oance</u> and Rodica Torok-Oance. <i>The relation between normalized difference indices derived from Landsat imagery and precipitation data as a proxy for assessment of the wetlands restoration. A case study: The Satchinez Swamps</i> • <u>Marcel Torok-Oance</u> and Florina Ardelean. <i>Potential of operational Sentinel-2 images for middle and small size snow avalanches detection</i> 	

Program of SYNASC'17

= workshops =

Friday, September 22		
10:10-12:10	<p>IAFP Workshop. Room 032. Chair: <i>Dorel Mihet</i></p> <ul style="list-style-type: none"> • <u>Ioan A. Rus</u>. <i>A conjecture on global asymptotic stability</i> • <u>Vasile Berinde</u> and Madalina Pacurar. <i>On some contributions of Professor Stefan Maruster to the study of demicontractive mappings</i> • I.K. Argyros and <u>Stefan Maruster</u>. <i>Predetermining the number of periodic steps for multi-step Newton-like methods</i> • <u>Natasa Cirovic</u> and Zoran Cirovic. <i>One application of fuzzy metrics in construction of data classifier</i> • Marcel-Adrian Serban. <i>Saturated fibre contraction principle</i> • <u>Vasile Berinde</u> and Laszlo Balog. <i>Fixed point theorems for nonself Zamfirescu type contractions in Banach spaces endowed with a graph</i> 	<p>Inno-HPC workshop. Room 045C. Chair: <i>Dana Petcu</i> -Round table</p>
	<p>HPC-ST Workshop. Room 045C. Chair: <i>Ralf Mundani</i></p> <ul style="list-style-type: none"> • Daniel Pop, <u>Bogdan Irimie</u> and Dana Petcu. <i>Distributed Optical Character Recognition for Old Romanian Prints</i> 	
14:20-16:20	<p>NCA Workshop. Room 032. Chair: <i>Flavia Micota</i></p> <ul style="list-style-type: none"> • <u>Catalin Stoean</u> and Daniel Lichtblau. <i>Classifier Result Aggregation for Automatically Grading Histopathological Images</i> • <u>Viorica Rozina Chifu</u>, Emil St. Chifu, Cristina Bianca Pop, Ioan Salomie and Madalina Lupu. <i>A Bio-Inspired Method for Generating Healthy Meals for Seniors</i> • <u>George Anescu</u>. <i>An adaptive penalty function method in conjunction with IP-ABC optimization method for constrained continuous optimization</i> 	<p>DIPMAI Workshop. Room 045C. Chair: <i>Debora Gil</i></p> <ul style="list-style-type: none"> • Elena Ovreiu. <i>Virtual and Augmented Reality as Assistive and Rehabilitative Technologies</i> • Markus Meissner. <i>Driver Monitoring in the context of Autonomous Driving</i> • Thorsten Lorenzen. <i>CNN training and integration on TDAxx processors using TI Deep Learning Library (TIDL)</i> • Cătălin Căleanu. <i>Intelligent Embedded Vision</i> • Gheorghe Stefan. <i>Low-Power Deep Learning Accelerator for Stereo Vision in Automotive</i>
16:40-18:40	<p>IAFP Workshop. Room 032. Chair: <i>Vasile Berinde</i></p> <ul style="list-style-type: none"> • Hadi Khatibzadeh, <u>Mohsen Rahimi Piranfar</u> and Jamal Rooin. <i>First Order Evolution Equation Governed by Quasi-nonexpansive Mappings: Continuous and Discrete Cases</i> • <u>Claudia Zaharia</u> and Dorel Mihet. <i>On altering distances in probabilistic metric spaces</i> • Marin Borcut. <i>Tripled fixed point theorems for nonmonotonic operators</i> • <u>Monika Zakany</u>. <i>Multivalued self almost local contractions</i> • <u>Cristina Ticala</u>. <i>Approximating fixed points of asymptotically demicontractive mappings by iterative schemes defined as admissible perturbations</i> • <u>Melania-Iulia Dobrican</u>. <i>Coupled coincidence point theorems in metric spaces endowed with a reflexive relation</i> 	<p>DIPMAI Workshop. Room 045C. Chair: <i>Elena Ovreiu</i></p> <ul style="list-style-type: none"> • <u>Debora Gil</u>, Aura Hernandez, Jordi Carrabina and David Castells. <i>CYBERH: Cyber-Physical Systems in Health for Personalized Assistance</i> • <u>Sebastian-Aurelian Ștefăniță</u> and Mihail Găianu. <i>Performance analysis of morphological operation in CPU and GPU for medical images</i> • Petru Radu and <u>Cezar Regep</u>. <i>Algorithm Fusion for Windscreen Obstruction Detection in Autonomous Driving</i> • <u>Ioan Cristian Schuszter</u>. <i>A Comparative Study of Machine Learning Methods for Traffic Sign Recognition</i> • <u>Adriana Birlutiu</u>. <i>Active and Transfer Learning in Biomedical Imaging</i>

Program of SYNASC'17
= workshops =

Saturday, September 23

15:50-17:30	<p>DRILLS Workshop. Room 045C. Chair: <i>Darian Onchis</i></p> <ul style="list-style-type: none">• Martin Ehler and Manuel Graef. <i>Numerically optimizing weights for Monte Carlo integration on smooth compact manifolds</i>• <u>Alina Andreica</u>, Fernando Paulo Belfo and Florina Covaci. <i>Designing Data Interchange Services for Learning Components</i>• <u>Zoran Ćirović</u> and Natasa Cirov. <i>Feature analysis and a classifier for a video game skill learning</i>• <u>Pedro Real</u> and Fernando Díaz Del Río. <i>Representing Data within Bitopological Symmetric Huge Scenario</i>• <u>Darian Onchis</u>. <i>Detecting proteome coding regions using a customized multi-scales splines construction</i>
-------------	--