

SYNASC 2018: PAPERS ACCEPTED for PRESENTATION at WORKSHOPS

| # | Workshop | Title | Authors |
|-----|----------|---|--|
| w31 | ACSys | An Adaptive Recommender System for Human Resource Allocation in Software Projects - Initial Results on an Agent-Based Simulation | Mihaela Ilie, Sorin Ilie and Muratetu Ionut |
| w32 | ACSys | Application of Meaningful Text Analytics to Online Product Reviews | Georgian Vladutu and Costin Badica |
| w36 | ACSys | A Self Developing System for Medical Data Analysis | Adriana Dinis, Todor Ivascu and Viorel Negru |
| w1 | DIPMAI | Back to Front Architecture for Diagnosis as a Service | Carles Sanchez, Miguel-Angel Viñas, Coen Atens, Agnes Borrás and Debora Gil |
| w35 | DIPMAI | Face detection and recognition methods using deep learning in autonomous driving | Sebastian-Aurelian Stefaniga and Gaiianu Mihail |
| w42 | DIPMAI | Face recognition in Automotive applications | Danut Rotar and Horia Popa Andreescu |
| w3 | GeoInfo | Use of Sentinel constellation for flood monitoring. Study case in Romania. | Anisoara Irimescu, Denis Mihailescu, Gheorghe Stancalie, Vasile Craciunescu, Argentina Nertan, Simona Catana and Claudiu Angearu |
| w14 | GeoInfo | Satellite based geoportal for drought monitoring and analysis | Anisoara Irimescu, Vasile Craciunescu, Claudiu Angearu, Alexandru Dumitrescu and Roxana Bojariu |
| w25 | GeoInfo | Satellite Image Segmentation with Deep Learning Techniques | Teodora Selea, Marian Neagul and Gabriel Iuhasz |
| w26 | GeoInfo | Reconstruction of glaciated landscape in the Southern Carpathians using semi-automated | Rafaela Tomuța, Alexandru Onaca and Florina Ardelean |
| w15 | GeoInfo | Mapping the black pines forest using high resolution satellite images and object based image analysis. Case study: Domogled massif. | Ecaterina Mocioacă, Florina Ardelean and Marcel Török-Oance |
| w19 | HPC-ST | Parallelizations of an Inpainting Algorithm Based on Convex Feasibility | Liviu Octavian Mafteiu-Scail, Irina Maria Artinescu and Vlad Teodor Mafteiu-Scail |
| w41 | HPC-ST | Survey on Feasibility of Pattern Matching Techniques In Heterogeneous Architectures for Bioinformatics | Ciprian Pungila, Darius Galis and Viorel Negru |
| w20 | IAFP | A Global Perspective Over the Equations Systems Preconditioning | Liviu Octavian Mafteiu-Scail, Emanuela Mafteiu-Scail and Teodora Voina |
| w22 | IAFP | Tripled Fixed Point Theorems in Metric Spaces Endowed With a Binary Relation | Melânia-Iulia Dobrican and Marin Borcut |
| w28 | IAFP | On some classes of nonlinear contractions in fuzzy metric spaces | Dorel Mihet and Claudia Zaharia |
| w29 | IAFP | Solving split common fixed point problem for demicontractive mappings | Vasile Berinde and Madalina Pacurar |
| w38 | IAFP | Fixed point theorems for nonself Bianchini type contractions in Banach spaces endowed with a graph | Andrei Horvat and Laszlo Balog |
| w39 | IAFP | Fixed point theorems for discontinuous mappings of Kannan and Bianchini type in distance spaces | Paula Homorodan |
| w2 | NCA | A four-phase meta-heuristic algorithm for solving large scale instances of the Shift minimization personnel task scheduling problem | Sebastian Nechita and Laura Diosan |

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| w23 | NCA | Evolving Mathematical Formulas using LINQ Expression Trees and Direct Applications to Credit Scoring | Alexandru-Ion Marinescu and Anca-Mirela Andreica |
| w24 | NCA | A Tool for Fake News Detection | Bashar Al Asaad and Madalina Erascu |
| w27 | NCA | Deep Learning for Metal Corrosion Control: Can Convolutional Neural Networks Measure Inhibitor | Ruxandra Stoean, Catalin Stoean and Adriana Samide |
| w30 | NCA | Unsupervised and Fully Autonomous 3D Medical Image Segmentation based on Grow Cut | Alexandru-Ion Marinescu, Zoltán Bálint, Laura Diosan and Anca Andreica |
| 51 | NCA | Evolving Cellular Automata for Two-stage Edge Detection | Alina Enescu, Anca Andreica and Laura Diosan |
| 61 | NCA | Increasing Protection against Internet Attacks through Contextual Feature Pairing | Georgiana Ingrid Stoleru, Adrian Stefan Popescu and Dragos Teodor Gavrilut |
| 62 | NCA | Detecting Java Compiled Malware using Machine Learning Techniques | Gheorghe Balan and Adrian Ștefan Popescu |
| 67 | NCA | Optimizing cleanset growth by using Multi-Class Neural Networks | Adrian Ioan Pîrîu, Mihai Leonte, Nicolae Postolachi and Dragoș Teodor Gavriluț |

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