

Evolutionary Computing in Optimisation and Data Mining (ECODAM)

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Iasi, Romania, 18 - 23 June, 2012
<http://profs.info.uaic.ro/~summerschool>

Workshop: Meta-Heuristics & algorithms for specific problems

Monday, June 18, 10:00-11:30

10:00-10:15 Ion Muntean (**Technical University of Moldova, Chisinau, Republic of Moldova**).
Development of an Energy Efficiency Measuring and Monitoring System in Building Sector of Chisinau Municipality

10:15-10:30 Blandură Nicoleta (**The State University "Alecă Russo", Bălți, Republic of Moldova**).
Difficulties in Creating Didactic Situations for Competence Development of Teachers

10:30-10:45 Radu Dumbraveanu (**The State University "Alecă Russo", Bălți, Republic of Moldova**).
Concerning integer-valued continuous functions

10:45-11:00 Alexandr Ojegov (**The State University "Alecă Russo", Bălți, Republic of Moldova**).
Investigations on morphology and chemical content of copper alloy surfaces processed by applying electrical discharges in impulse under subexcitation regime

Monday, June 18, 11:45-13:00

11:45-12:00 Inessa Berezovska, Yaroslav Bihun (**Yuriy Fedkovich Chernivtsi National University, Chernivtsi, Ukraine**).
The Averaging in the Multifrequency System of Differential Equations with Linearly Transformed Arguments and Noether Boundary Conditions

12:00-12:15 Petro Ivanyuk (**Yuriy Fedkovich Chernivtsi National University, Chernivtsi, Ukraine**).
The generator of the chaotic oscillation with the cubic nonlinearity

12:15-12:30 Inna Iakovlieva (**Yuriy Fedkovich Chernivtsi National University, Chernivtsi, Ukraine**).
Comparative analysis of the algorithm graph matrix representation methods

12:30-12:45 Svitlana Voropaeva, George Vorobets (**Yuriy Fedkovich Chernivtsi National University, Chernivtsi, Ukraine**).
The modulus of digital information processing of sensors of ultraviolet radiation

12:45-13:00 Iryna Lisovenko (**Yuriy Fedkovich Chernivtsi National University, Chernivtsi, Ukraine**).
Methods and tools of linear programs parallelization using C language

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Monday, June 18, 15:00-16:00

15:00-15:15 Elena-Gina Crăciun, Ștefan-Gheorghe Pentiuc, Ionela Rusu (**Stefan cel Mare University of Suceava**). *Attending Interaction in Virtual Environments using Human Computer Gestural Interfaces*

15:15-15:30 Ionela Rusu, Ștefan-Gheorghe Pentiuc, Elena-Gina Crăciun (**Stefan cel Mare University of Suceava**). *High-Performance Computing for Monte Carlo Simulations*

15:30-15:45 Mihai-Florentin Ursuleanu, Adrian Graur, Mihai Dimian, Codrin Maleș (**Stefan cel Mare University of Suceava**). *Contributions to Cyberinfrastructure Development in Education*

15:45-16:00 Codrin Males, Valentin Popa, Alexandru Lavric, Ilie Finis, Mihai Ursuleanu (**Stefan cel Mare University of Suceava**). *Contributions to automatic meter reading using power line communications*