

CURRICULUM VITAE

Name and surname: Stoean Ruxandra

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Date of birth: 2 august 1979

Education:

- October 2003 – February 2008 - PhD, Department of Computer Science, Faculty of Mathematics and Computer Science, Babeş-Bolyai University of Cluj-Napoca.
- 2002 - 2003 – MSc, Department of Computer Science, Faculty of Mathematics and Computer Science, University of Craiova.
- 1998 – 2002 – BSc, Department of Computer Science, Faculty of Mathematics and Computer Science, University of Craiova.

Professional experience and workplaces:

- 2014 – Present – Associate Professor, Department of Computer Science, Faculty of Sciences, University of Craiova.
- 2012 – 2014 – Lecturer, Department of Computer Science, Faculty of Mathematics and Natural Sciences, University of Craiova.
- 2006 – 2012 – Assistant Professor, Department of Computer Science, Faculty of Mathematics and Computer Science, University of Craiova.
- 2003 – 2006 – Assistant Lecturer, Department of Computer Science, Faculty of Mathematics and Computer Science, University of Craiova.

Teaching activities: Computational Logic, Nonprocedural Programming, Machine Learning

Expertise domains: support vector machines, evolutionary algorithms, data mining, machine learning

h-index (proof D7 attached): Thomson Web of Science – 8, Scopus – 7, Google Scholar – 11

Grants (as a director):

- Grant No. 42C/2014, University of Craiova, Evolution of prototypes for classification by means of support vector machines and neural networks, 2014, Director, 12000 lei, <https://sites.google.com/site/grantintern2014/home>.

- DAAD (Deutscher Akademischer Austausch Dienst), Research Stays and Study Visits for University Academics and Scientists, Nr. A/09/02566, International competition, Investigation of a Support Vector Machine-based Approach for Parameter Setting in Metaheuristics, Technical University of Dortmund (2 months) and Cologne University of Applied Sciences (1 month), 01.06 – 31.08.2009, Germania, http://www.f10.fh-koeln.de/Nachrichten/2009/09/f10_msg_04600.html, Director, 5920 euro (proof D4 attached).

Grants (as a member):

- UEFISCDI PNCDI Grant of the type Partnerships, Contract No. 26/2014, code PN-II-PT-PCCA-2013-4-1153, Intelligent Medical Information System for the Diagnosis and Monitoring of the Treatment of Patients with Colorectal Neoplasm, 2014 – 2017, Member.
- UEFISCDI PNCDI Grant of the type Partnerships, CNMP PC - 2076, Contract Nr. 41071, Algorithm for the diagnosis and prediction of the hepatic fibrosis evolution through noninvasive ultrasonographic means, optimized by stochastic analysis of images, 2007 - 2010, Romania, Member.
- UEFISCDI PNCDI Grant of the type Partnerships, CNMP PC - 2120, Contract Nr. 11028, New models of natural computation in the study of complexity and in solving complex problems, 2007 - 2010, Romania, Member.
- CNCSIS Grant of the type A, CNCSIS A-322, Evolutionary computation: new paradigms, techniques and classes. Applications in optimization, 2007 - 2009, Romania, Member.
- CNCSIS Grant of the type IDEAS - 508, New computational paradigms in the approach of complex problems, 2007 - 2009, Romania, Member.
- CNCSIS Grant of the type A, CNCSIS A - 1477, Computational models inspired from nature. New paradigms and metaheuristics. Real applications, 2004 - 2006, Romania, Member.

Scholarships:

- Doctoral scholarship CNCSIS, BD - 113, Evolutionary Computation. Application to Data Mining and Machine Learning, 2004 – 2007.

- Socrates/Erasmus scholarship, University of Dortmund, Faculty of Computer Science, Chair of Systems Analysis, April-June 2003.

Prizes:

- Honorary diploma, first place within the Department of Computer Science, Faculty of Sciences, Excellence Research Gala, University of Craiova, 2016 (proof D6 attached).
- The “Grigore Moisil” award of the Romanian Academy in 2008 for a collection of co-authored publications on new approaches for evolutionary optimization (proof D5 attached).

Membership:

- Nosokinetics Health and Social Care Modeling Group, Westminster University, London, UK
- Center for Advanced Research in Applied Computer Science, University of Craiova, Romania
- Society for Computing Technologies, Universitatea din Craiova, Romania

Alumni:

- DAAD (Deutscher Akademischer Austausch Dienst)
- TU Dortmund, Chair of Algorithm Engineering LS11, <http://ls11-www.cs.uni-dortmund.de/staff/alumni>

Reviewing activities (journals):

- Artificial Intelligence in Medicine
- Journal of the Operational Research Society
- Expert Systems
- Computers and Operations Research
- Computers in Biology and Medicine
- Computer Methods and Programs in Biomedicine
- Information Sciences
- Pattern Analysis and Applications
- IEEE Transactions and Knowledge and Data Engineering.
- Expert Systems with Applications

Reviewing activities (books and articles):

- Zentralblatt MATH

Membership in program committees for conferences:

- Conference on Parallel Problem Solving from Nature (PPSN), Workshop on Experimental Methods for the Assessment of Computational Systems
<http://www.imada.sdu.dk/~marco/WEMACS2010/>
- International KES Conference on Intelligent Decision Technologies,
<http://idt-15.kesinternational.org/cmsIPCdisplay.php>
<http://idt-16.kesinternational.org/cmsIPCdisplay.php>
- Nature Inspired Cooperative Strategies for Optimization (NICSO),
http://www.econ.ubbcluj.ro/~rodica.lung/nicso2011/?page_id=23
- International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Workshop on Natural Computing and Applications,
<http://synasc12.info.uvt.ro/workshops/nca-2012>,
<http://synasc.ro/synasc2013/workshops/nca-2013/>,
<http://synasc.ro/2014/workshops/nca-2014/>
<http://synasc.ro/2015/workshops/nca-2015/>
<http://synasc.ro/2016/workshops/nca-2016/>
- ACAI@CENTERIS'2016 - Applied Computational and Artificial Intelligence Workshop
<http://idsist.wix.com/acai#!committees/hzemp>

Conference chairing:

- Co-chair for the section of Advances in Computational Intelligence at the International Work Conference on Artificial Neural Networks (IWANN 2015), Palma de Mallorca, Spain <http://iwann.ugr.es/2015/pdf/iwann15-ProgramV4.pdf>

Invited talks:

- University of Malaga, Department of Electronic Technology, May 2016.
- Faculty of Computer Science and Engineering Science, Technology Arts Sciences TH Cologne, University of Sciences, May 2016.
- Technical University of Dortmund, Faculty of Computer Science, Chair of Algorithm Engineering, Germany, 2015
- TH Cologne, Germany, 2015

- Cologne University of Applied Sciences, Germany, Computational Services in Automation (COSA) Kolloquium, 2009
- Harrow School of Computer Science, London, UK, 2008
- "Alexandru Ioan Cuza" University of Iasi, Faculty of Computer Science, Doctoral Intensive Summer School on Meta-Heuristics in Optimization and in Intelligent Data Analysis, 2008 (proof D3 attached)
- University of Westminster, London, UK, Health Care Computing Group, 2004.
- TU Dortmund, Germany, Faculty of Computer Science, Chair of Algorithm Engineering, 2003

Knowledge of languages: English (very well), French (well), German (conversational)

01.09.2016