

CURRICULUM VITAE

Name: LEORDEANU CĂTĂLIN-ADRIAN

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Date of Birth: 03/02/1984

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Nationality: Romanian

Education and training:

2007 – Present:

PhD student at Politehnica University of Bucharest

2007 – 2009:

Master student at Politehnica University of Bucharest, Specialization “Base Systems and Applications”. The grade received at the dissertation presentation was 10 out of 10.

2002-2007:

Graduated at the “Politehnica” University of Bucharest, Faculty of Automatic Control and Computers, Specialization C3 (System software, with courses on Operating Systems, Compilers, Databases, Parallel and Distributed Computing). The diploma project was “DAG Task Scheduling in Grid environment based on OGSA” and the grade received was 10 out of 10.

July 2006:

Participation in the Gridinitiative 2006, focusing on Globus Toolkit 4 and Web Services.

July 2004:

Graduated the training course “Parallel Numerical Analysis” at the Polytechnic University of Bucharest

2003:

Honorable mention at the Communication Session in physics at the Polytechnic University of Bucharest

2002:

Diploma in Computer Science, second level programming

1998-2002:

Graduated the “Traian Vuia” High School, computer science class

Work Experience:

October 2007 – Present:

Assistant Professor at Politehnica University of Bucharest. Teaching responsibilities include holding seminars in Communication Protocols and Parallel and Distributed Algorithms

July – September 2009:

Internship at INRIA Rennes-Bretagne Atlantique Research Centre (France) Paris Project-Team. The subject was “A Failure Detection Service for the Grid”.

July 2007

Trainer at the summer school Gridinitiative 2007

Publications:

Bogdan Simion, Catalin Leordeanu, Florin Pop, Valentin Cristea, “A Hybrid Algorithm for Scheduling Workflow Applications in Grid Environments (ICPDP)”, Proceedings of On the Move to Meaningful Internet Systems 2007: CoopIS, DOA, GADA, and ODBASE and IS, Volume 4804/2007, pp. 1331-1348, Vilamoura, Portugal, November 25-30, 2007, Springer Verlag, ISBN: 978-3-540-76835-7.

Catalin Leordeanu, Florin Pop, Corina Stratan, Valentin Cristea “An Agent Based Architecture for DAG Scheduling”, Distributed and Parallel Systems, In focus: Desktop Grid Computing, Edited by Peter Kacsuk, Robert Lovas and Zsolt Nemeth, DAPSYS 2008 (The 7th International Conference on Distributed and Parallel System), September 3-5, Debrecen, Hungary, Published by Springer, ISBN: 978-0-387-79447-1.

Catalin Leordeanu, Alexei Dodon, Bogdan Mihulecea, Cristian Estan, Valentin Cristea “Optimizations to Network Traffic Analysis using Netpy”, Proceedings of CSCS-17, 17th International Conference on Control Systems and Computer Science, 26-29 May 2009. pages 247-254, ISSN: 2066-4451

Valentin Cristea, Ciprian Dobre, Florin Pop, Corina Stratan, Alexandru Costan, Catalin Leordeanu, Eliana-Dina Tirsa, Models and Techniques for Ensuring Reliability, Safety, Availability and Security of Large Scale Distributed Systems, Proceedings of CSCS-17, 17th International Conference on Control Systems and Computer Science, 26-29 May 2009.

Alexandru Costan, Florin Pop, Corina Stratan, Ciprian Dobre, Catalin Leordeanu, Valentin Cristea, An Architectural Model for a Grid based Workflow Management Platform in Scientific Applications, Proceedings of CSCS-17, 17th International Conference on Control Systems and Computer Science, 26-29 May 2009.

Andreea Cirneci, Stefan Boboc, Catalin Leordeanu, Valentin Cristea, Cristian Estan, “Netpy: Advanced Network Traffic Monitoring”, Proceedings of INCOS 2009, International Conference on Intelligent Networking and Collaborative Systems, November 4-6

Research projects:

January 2008 – Present

Netpy - Network traffic analysis and visualization

<http://netpy.cs.pub.ro>

January 2008 – Present

Diogenes – Distributed Optimal Genetic Algorithm for Grid Application Scheduling

<http://diogenes.grid.pub.ro>

October 2008 - Present

DEPSYS – Models and Techniques to Ensure Dependability for Large Scale Distributed Systems

January 2008 – May 2008

EU-NCIT

<https://euncit.hpc.pub.ro/>

Computer skills and competences:

Programming languages: Java, C/C++, NET Framework, Python,
Assembler, Java, HTML

Parallel and Distributed Programming: MPI, OpenMP, Sockets programming.

Operating Systems: Linux, Solaris, Windows

Foreign languages:

English: fluent

French: conversational