Prof.dr.ing. Florin Pop

Realizări științifice în perioada 2000-2016

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88	Marieta Nastase, Ciprian Dobre, **Florin Pop**, and Valentin Cristea. 2009. Fault Tolerance Using a Front-End Service for Large Scale Distributed Systems. In Proceedings of the 2009 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '09). IEEE Computer Society, Washington, DC, USA, 229-236., doi:10.1109/SYNASC.2009.13
89	Marius Ion, **Florin Pop**, Ciprian Dobre, and Valentin Cristea. 2009. Dynamic Resources Allocation in Grid Enviroments. In Proceedings of the 2009 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '09). IEEE Computer Society, Washington, DC, USA, 213-220., doi:10.1109/SYNASC.2009.20

| 90 | Ciprian Dobre, **Florin Pop**, and Valentin Cristea. 2008. A Simulation Framework for Dependable Distributed Systems. In Proceedings of the 2008 International Conference on Parallel Processing - Workshops (ICPPW '08). IEEE Computer Society, Washington, DC, USA, 181-187., doi:10.1109/ICPP-W.2008.19 |

c. Granturi, contracte de cercetare (director, membru in echipa)

Internaționale
Director

1	SideSTEP: Scheduling Methods for Dynamic Distributed Systems: a self-* approach, Billateral Researc Project RO-FR, Cod PN-II-CT-RO-FR-2012-1-0084, Contract 718/11.04.2013, Perioada de desfasurare: Ianuarie 2013 - Decembrie 2014
2	ICT COST Action CA15140, "Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice" (ImAppNIO), proiect EU COST. Reprezentat ca Membru în Comitetul de Management al Acțiunii (responsabil de partener): **Florin Pop** (UPB). WG 4 (Software) Vice-Leader, Perioada de desfășurare: Mai 2016 - Aprilie 2020.
3	ICT COST Action IC1302, "Semantic keyword-based search on structured data sources" (KEYSTONE), proiect EU COST. Reprezentat ca Membru în Comitetul de Management al Acțiunii (responsabil de partener): **Florin Pop** (UPB). Perioada de desfășurare: Noiembrie 2013 - Noiembrie 2017.

Membru in echipa de proiect

1	Data4Water: Excellence in Smart Data and Services for Water Management, H2020-TWINN-2015, ID: 690900, Director: Prof.dr.ing. Mariana Mocanu (UPB), Perioada de desfasurare: Ianuarie 2016 - Decembrie 2019
2	ERRIC: Empowering Romanian Research on Intelligent Information Technologies, FP7-REGPOT-2010-1, ID: 264207, Director: Prof.dr.ing. Adina Magda Florea (UPB), Perioada de desfasurare: Septembire 2010 - August 2013
3	ICT COST Action IC1303, "Algorithms, Architectures and Platforms for Enhanced Living Environments" (AAPELE), proiect EU COST. Responsabil de rețeaua națională de cercetare și membru supleant în Comitetul de Management al Acțiunii (responsabil de partener): Ciprian Dobre (UPB). Perioada de desfășurare: Noiembrie 2013 - Noiembrie 2017.
4	ICT COST Action CA15127, "Resilient communication services protecting end-user applications from disaster-based failures" (RECODIS), proiect EU COST. Responsabil de rețeaua națională de cercetare și membru supleant în Comitetul de Management al Acțiunii (responsabil de partener): Elena Apostol (UPB). Perioada de desfășurare: Mai 2016 - Aprilie 2020.
5	ICT COST Action IC1406, "High-Performance Modelling and Simulation for Big Data Applications" (cHiPSet), proiect EU COST. Responsabil de rețeaua națională de cercetare și membru supleant în Comitetul de Management al Acțiunii (responsabil de partener): Ciprian Dobre (UPB). Perioada de desfășurare: Noiembrie 2015 - Noiembrie 2019.
6	ICT COST Action IC1403, "Cryptanalysis of ubiquitous computing systems (CRYPTACUS)", proiect EU COST. Responsabil de rețeaua națională de cercetare și membru supleant în Comitetul de Management al Acțiunii (responsabil de partener): George Pantelimon Popescu (UPB). Perioada de desfășurare: Noiembrie 2013 - Noiembrie 2017.
7	SEE-GRID-SCI: SEE-GRID eInfrastructure for regional eScience, FP7 Contract no. 211338, Director partener: Prof.dr.ing. Nicolae Țăpuș (UPB), Perioada de desfasurare: Mai 2008 - Mai 2010
8	SEE-GRID-II: South-Eastern European Grid-enabled eInfrastructure Development 2, FP6 Contract no. 031775, Director: Prof.dr.ing. Nicolae Țăpuș, Perioada de desfasurare: Mai 2006 - Mai 2008

9	EGEE I: Enabling Grids for E-sciencE, FP6 Contract no. IST-2003-508833, Director Romania: Dr. Gabriel Neagu (ICI Bucuresti), Perioada de desfasurare: 1 April 2004 – 31 March 2006
10	EGEE II – Enabling Grids for E-sciencE, FP6 Contract no. INFSO-RI-031688, Director Romania: Dr. Gabriel Neagu (ICI Bucuresti), Perioada de desfasurare: 1 April 2006 – 31 March 2008
11	EGEE III: Enabling Grids for E-sciencE, Fp7 Contract no. INFSO-RI-222667, Director Romania: Dr. Gabriel Neagu (ICI Bucuresti), Perioada de desfasurare: 1 Mai 2008 - 30 April 2010.
12	EGI-InSPRE: Integrated Sustainable Pan-European Infrastructure for Researchers in Europe, FP7 Contract no. RI-261323, Director Romania: Prof.dr.ing. Nicolae Ţăpuş (UPB), Perioada de desfasurare: 1 Mai 2010 - 30 April 2012
13	EU-NCIT: NCIT leading to EU IST Excellency, FP6-INCO programme, ID: 7046, FP6 Contract 17101, Director: Prof.dr.ing. Nicolae Ţăpuş, Perioada de desfasurare: 1 mai 2005 - 30 Aprilie 2008
14	DataCloud@work, INRIA Associate Teams Programme, INRIA Rennes - Bretagne Atlantique and University Politehnica of Bucharest, Director Franta: Luc Bouge (INRIA), Director Romania: Prof.dr.ing. Valentin Cristea (UPB), Perioada de desfasurare: 2010-2012

Naționale

Director

1	DataWay - Real-time Data Processing Platform for Smart Cities: Making sense of Big Data, Cod PN-II-RU-TE-2014-4-2731, Contract 718/11.04.2013, Perioada de desfasurare: Octombrie 2015 - Septembrie 2017
2	SideDOWN: Smart Internet Data Downloader and Aggregator, Cod PN-II-IN-CI-2012-1-0324, Contract 165CI/09.11.2012 (Cecuri de inovare), Coordonator Furnizorul de Servicii (UPB), Perioada de desfasurare: Noiembrie 2012 - Aprilie 2013
3	SORMSYS: Resource Management Optimization in Self-Organizing Large Scale Distributed Systems, Cod CNCSIS-PN-II-RU-PD-2010-220, Contract 5/28.07.2012, Perioada de desfasurare: Iulie 2010-Iulie 2012
4	CollectGATE - Data Aggregation and Information Retrieval Services, Contract de Cercetare Postdoctorală nr. EXCEL N1/12 din 01.05.2010 (Responsabil proiect de cercetare: **Florin Pop**), câştigat prin competiţie, finanţat prin contractul de finanţare POSDRU/89/1.5/S/62557 "Excelenţă în cercetare prin programe postdoctrorale în domenii prioritare ale societăţii bazate pe cunoaştere" (EXCEL), competiţia 2010, Manager proiect: prof.dr.ing. Corneliu BURILEANU, Perioada de desfăşurare: Mai 2010 - Aprilie 2013.
5	Intelligent Strategies for Scheduling Optimization in Grid Environments, Cod CNCSIS-PN-I-RU-TD-20, Contract 49GR/2007, Perioada de desfasurare: Mai 2007 - Mai 2009

Membru in echipa de proiect

1	ClueFarm – Information system based on cloud services, accessible through mobile devices, for quality improvement of products and business development in farms, Proiect de parteneriat, CNCSIS-PN-II-PT-PCCA-2013-4, Contract de finanţare nr. 29/2014. Director proiect: Valentin Cristea (UPB). Perioada de desfăşurare: Iulie 2014 - Iunie 2016.

2	MobiWay – Platformă Integrată pentru Sistemele de Transport Inteligent ale Viitorului, Proiect de parteneriat CNCSIS-PN-II-PT-PCCA-2013-4, Contract de finanțare nr. 16 / 2014. Director proiect: Ciprian Dobre (UPB). Perioada de desfășurare: Iulie 2014 - Iunie 2016.
3	CYBERWATER: Prototype Cyberinfrastructure-based System for Decision-Making Support in Water Resources Management, Cod Proiect PN-II-PT-PCCA-2011-3.1-0602, Contract 47/05.07.2012, Director: Prof.dr.ing. Marian Muste, perioada de desfasurare: 5 iunie 2012 - 5 iunie 2015
4	DEPSYS: Models and Techniques for Ensuring Reliability, Safety, Availability, and Security for Large Scale Distributed Systems, Cod Proiect PN-II-IDEI-2008-1710, Contract 618/15.01.2009, Director: Prof.dr.ing. Valentin Cristea (UPB), perioada de desfasurare: 1 ianuarie 2009 - 31 decembrie 2011
5	SERAFIMO: Platformă integrată pentru tranzacții și servicii electronice financiar-bancare realizate folosind tehnologia disponibilă pe dispozitivele mobile cu răspândire largă, PN-II-PARTENERIATE-2008-12113, Contract 12113/01.10.2008, Programul 4 "Parteneriate în domeniile prioritate", Director: Prof.dr.ing. Valentin Cristea (UPB). Perioade de desfasurare: 1 Octombire 2008 - 10 Decembrie 2011
6	PEGAF: Experimental Grid platform for the development of applications oriented towards workflows with dynamic resource allocation, PN-II-PARTENERIATE-2007-11064, Contract: 11064-1/21.09.2007 Programul 4 "Parteneriate în domeniile prioritate", Director Proiect: Dr. Gabriel Neagu (ICI Bucuresti), Coordonator UPB: Prof.dr.ing. Valentin Cristea, perioada de desfasurare: 21 Septembrie 2007 - 17 Septembrie 2010.
7	INFOSTRUCTURE: Advanced electronic services platform for optimizing and adapting businesses to real-time economy, PN-II-INOVARE, Contract nr. 278/07.11.2008, Director: Mihai Tănase (UTI București), Coordonator UPB: Prof.dr.ing. Valentin Cristea, Perioada de desfasurare: 07 Octombrie 2008 - 10 octombrie 2011
8	Decentralized Scheduling in Grid Environments Based on WEB Services Architecture, Grant CNCSIS-A-512, Tema 18, Contract: 154/2006, Director: Prof.dr.ing. Valentin Cristea (UPB), Perioada de desfasurare: Mai 2007 - Mai 2009
9	GEEA: Centru de resurse GRID multi-corE de înaltă pErformAnță pentru suportul cercetării, Programul Operațional POS CCE, Axa Prioritară AP2: Creșterea Competitivității Economice prin Cercetare - Dezvoltare și Inovare, Contract 51 / 11.05.2009, Director: Prof.dr.ing. Nicolae Țăpuș (UPB), Perioada de desfasurare: 11.05.2009 - 10.05.2011
10	MedioGRID: Parallel and distributed processing on Grid of geographical and environmental data, Grant INFOSOC, Contract 19CEEX-I03, Director: Prof.dr.ing. Dorian Gorgan (Universitatea Technică Cluj-Napoca). Perioade de desfasurare: Decembrie 2005 - Decembrie 2008.
11	GridMOSI: Virtual organization in Grid technology for high-performance modeling, simulation and optimization, Grant RELANSIN, Contract CEEX 95/2005, Director: Dr. Gabriel Neagu (ICI Bucuresti). Perioade de desfasurare: Decembrie 2005 - Decembrie 2008
12	Resource management and Activity Scheduling in Distributed Systems based on Grid Technologies, Grant CNCSIS-A 288/2005, Director: Prof.dr.ing. Valentin Cristea (UPB), Perioada de desfasurare: 2005 - 2007
13	MON-I: Distributed monitoring of middleware and applications in national Grid infrastructure, Grant INFOSOC, Director: Prof.dr.ing. Valentin Cristea (UPB), Perioada de desfasurare: 2004 - 2006

14	PACT: Parteneriat naţional pentru implementarea proiectelor firme-facultăţi în vederea tranziţiei de la şcoala la viaţa activă, Proiect POSDRU/7/2.1/S/3, Contract 3405/2008, Director: Prof.dr.ing, Valentin Cristea, Perioada de desfasurare: 2008-2011
15	INSEED: Program strategic pentru promovarea inovarii in servicii prin educatie deschisa, continua, OIPOSDRU, Proiect Multi-Regional, Axa: 1."Educaţia şi formarea profesională în sprijinul creşterii economice şi dezvoltării societăţii bazate pe cunoaştere", ID: 57748, Director: Prof.dr.ing. Theodor Borangiu, Perioada de desfasurare: Sept. 2010 - August 2013.
16	e-Administratie: Pregatirea sistemului national de e-Administratie in Romania, Programul Operational "Dezvoltarea Capacitatii Administrative", Cod SMIS: 32612, Manager de Proiect: Marius Dorian NICOLAESCU, Perioada de desfasurare: iulie 2012 - ianuarie 2015.
17	Proiect POSDRU/87/1.3/S/62426: "Instruirea profesorilor de Informatică pe Tehnologia .Net", Proiect strategic POS DRU Axa Prioritară 1 – "Educaţia şi formarea profesională în sprijinul creşterii economice şi dezvoltării societăţii bazate pe cunoaştere", ID: 87_62426, Manager de Proiect: Gheorghe Dinu, Perioada de implicare: 2013-2014.
18	Platformă de eLearning şi curriculă eContent pentru învăţământul superior tehnic, POS CCE nr. 154/323 cod SMIS – 4428, proiect co-finanţat prin Fondul European de Dezvoltare Regională, "Investiţii pentru viitorul dumneavoastră". Director: Prof.dr.ing. Nicolae Ţăpuş (UPB). Perioade de desfasurare: Octombire 2010 - Octombrie 2012