GLEB RADCHENKO

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South Ural State University (Chelyabinsk, Russia)
Dean of the Faculty of Computational Mathematics & Informatics
Associate professor of the Department of System Programming

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RESEARCH INTERESTS

— Distributed Computing Systems
— Grid Computing
— Cloud Computing
— Service-Oriented Architecture

EDUCATION

South Ural State University   Chelyabinsk, Russia
PhD, Computer Science   Moscow, Russia
Defended at Moscow State University   09.2006 - 10.2009
Dissertation: *A service-oriented approach to integration of CAE
systems in distributed computing environments.*

South Ural State University   Chelyabinsk, Russia
Diploma with distinction - Mathematics and software development   09.2001 - 07.2006
Thesis: *Implementation of neural network algorithm of Speaker
independent separate speech recognition*

LEADERSHIP EXPERIENCE

South Ural State University   Chelyabinsk, Russia
Faculty of Computational Mathematics & Informatics   10.2013 - present
Role: Dean

South Ural State University   Chelyabinsk, Russia
Faculty of Computational Mathematics & Informatics   02.2011 - 10.2013
Role: Vice Dean for Research
— Preparation and conducting scientific conferences of regional
  and international level.
— Supervising applications and reports on research grants.
— Supervising international scientific activity of the faculty.

South Ural State University   Chelyabinsk, Russia
Supercomputer Simulation Laboratory   12.2010 - 10.2013
Role: Deputy Director
— Co-lead a research group on distributed computing, grid and
  cloud computing systems.
— Developed architecture of the Distributed Virtual Test Bed
  (DiVTB) project.

TEACHING EXPERIENCE

South Ural State University   Chelyabinsk, Russia
Faculty of Computational Mathematics & Informatics   01.2010 - present
Role: Associate professor
Developing the curriculum, delivering lectures and seminars on
Computer Science:
- — Grid computing
- — Distributed Computing Systems
- — Object-oriented programming
- — Software engineering
- — Introduction to Web development

Samsung advanced technology training institute   Suwon, South Korea
Developing the curriculum, delivering lectures and seminars   04.2014
within the "Distributed systems development" course

Lobachevsky State University of Nizhni Novgorod   Nizhni Novgorod, Russia
Guest Lecture Course "Distributed problem-oriented systems"   10.2010

South Ural State University   Chelyabinsk, Russia
Faculty of Calculus Mathematics & Informatics   09.2007 - 01.2010
Role: Tutor
Developing the curriculum, delivering lectures and seminars on
Computer Science:
- — Discrete Mathematics
- — Mathematics and Informatics
- — Computer Architecture

AWARDS

Young teachers competition winner   2013
Potanin Foundation

Grant of the Russian Federation President for young scientists   2011
The Ministry of Education and Science of the Russian Federation

SELECTED PRESENTATIONS IN ENGLISH

Providing a Web Portal for Development and Utilization of Distributed Virtual   2013
Test Beds on the basis of UNICORE grid infrastructure. UNICORE Summit 2013
(Leipzig, Germany, June 18, 2013) [Presentation slides in PDF]

Distributed Virtual Test Bed: an Approach to Integration of CAE Systems in   2013
UNICORE Grid Environment. MIPRO 2013: 36th International Convention
(Opatija, Croatia, May 20-24, 2013). [Presentation slides in PDF].

A Service-Oriented Approach of Integration of Computer-Aided Engineering   2012
Systems in Distributed Computing Environments. UNICORE Summit 2012,
Dresden University of Technology (Dresden, Germany, May 30-31, 2012).
[Presentation slides in PDF].

Development of Problem-Oriented Services for Distributed Computing Environments Based on the UNICORE System. Institute for Advanced Simulation (IAS) Julich Supercomputing Centre (JSC) Scientific Seminar (Julich, Germany, March 12, 2012). [Presentation slides in PDF].

2012

SELECTED PUBLICATIONS IN ENGLISH

*Savchenko D., **Radchenko G.*** Mjolnirr: private PaaS as distributed computing evolution // MIPRO 2014. Proceedings of the 37th International Convention (Opatia, Chroatia May 26-30, 2014), 2014. P. 401-406.

*Savchenko D., **Radchenko G.*** Mjolnirr: A Hybrid Approach to Distributed Computing Architecture and Implementation // CLOSER 2014. Proceedings of the 4th International Conference on Cloud Computing and Services Science (Barcelona, Spain 3-5 April, 2014), 2014. P. 445-450.

G. Radchenko, *E. Hudyakova, E. Zakharov.* Providing a Web Portal for Development and Utilization of Distributed Virtual Test Beds // UNICORE Summit 2013 Proceedings. IAS Series, Forschungszentrum Julich,2013. Vol. 21. P. 57-70.

G. Radchenko, *E. Hudyakova.* Distributed Virtual Test Bed: an Approach to Integration of CAE Systems in UNICORE Grid Environment // MIPRO 2013 Proceedings of the 36th International Convention. 2013. P. 183-188.

G. Radchenko, *E. Hudyakova.* A Service-Oriented Approach of Integration of Computer-Aided Engineering Systems in Distributed Computing Environments // UNICORE Summit 2012 Proceedings. IAS Series, Forschungszentrum Julich, 2012. P. 57-66.