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10 years of collaboration between University of Jyväskylä and Saint-Petersburg State University

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The anniversary of collaboration between University of Jyväskylä and Saint-Petersburg State University was celebrated in the University of Jyväskylä June 17 by two defences of Ph.D. theses, prepared in the framework of Finnish-Russian Educational & Research program in Applied mathematics and Information technologies.

This program was organized by the Dean of the Faculty of Information Technology Prof. Pekka Neittaanmäki (University of Jyväskylä) and the Dean of Mathematics & Mechanics Faculty Prof. Gennady Leonov (Saint-Petersburg State University).

This year the coordinator of the program Dr. Nikolay Kuznetsov from Saint-Petersburg State University was named as Visiting professor in the the University of Jyväskylä.

In total 11 Ph.D. theses have been prepared and defended during last 10 years in the framework of the program, three of these works were supported by the Scholarship of the President of Russia.

This collaboration allows to combine the theoretical mathematical methods, developed in the group of Gennady Leonov, and modern approaches for the numerical analysis and simulation of real-world systems, developed in the group of Pekka Neittaanmäki, and thus to obtain breakthrough results in the area of computer architecture, telecommunications and drilling systems.

We hope that the combining the efforts of these two research groups of P. Neittaanmäki and G. Leonov will allow the two countries - Russia and Finland to take a leading position in these areas.

Today Nikolay Kuznetsov was named as Junior Visiting Professor

N. Kuznetsov received his Candidate degree from Saint-Petersburg State University, Russia, in 2004 and Ph.D. degree from the University of Jyväskylä, Finland, in 2008.

From 2007 he is coordinator of Finnish-Russian Educational & Research program in Applied mathematics and Information technologies organized by the Faculty of Information Technology (University of Jyväskylä) and Mathematics & Mechanics Faculty (Saint-Petersburg State University).

His interests are now in analytical-numerical analysis of dynamical systems, chaos theory, phase synchronization systems, and nonlinear control systems. He has supervised 9 PhD students in the University of Jyväskylä.

More information:

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