



## PRELIMINARY ANNOUNCEMENT AND CALL FOR PAPERS

The 2nd International Conference “Physics and Control” (PHYSCON 2005) will be held in St Petersburg (Russia) on 24–26 August, 2005.

The Organizers of the Conference are:

The St Petersburg Scientific Centre of the Russian Academy of Sciences  
The St Petersburg Group of the Russian National Committee of Automatic Control  
The St Petersburg Informatics and Control Society  
The Institute for Problems of Mechanical Engineering of the Russian Academy of Sciences  
St Petersburg State University

together with the following international organizations:

The International Union of Theoretical and Applied Mechanics (IUTAM)  
The European Physics Society  
The IEEE Control Systems Society  
The IEEE Circuits and Systems Society  
The EPS Interdivisional Group on Experimental Physics Control Systems

The topics of the Conference include, but are not limited to:

Nonlinear dynamics and control	Quantum information and control
Molecular dynamics and control	Control of bifurcations, oscillations and chaos
Control of thermodynamics	Modelling and identification of physical systems
Complexity and self-organization	Synchronization in the micro- and macroworld
Microelectromechanical systems	Applications in science and technology

The Co-Chairs of the international program committee are:

Academician of the Russian Academy of Sciences, Zh.I. Alferov and Academician of the Russian Academy of Sciences, V. G. Peshekhonov.

The Organizing Committee invites prospective authors to submit their full text draft papers (4–6 two-column pages) by 15 December, 2004 to the Organizing Committee. All contributions will be subject to review.

The title should be followed by authors' names, affiliations, addresses (including Fax and E-mail address) and abstracts (60–100 words). A website for electronic submission will be launched in September, 2004.

Important dates:

Deadline for submission: 15 December, 2004. Notification of acceptance: 15 March, 2005.  
Camera-ready copy: 15 May, 2005.

English will be the official language of the Conference.

The Conference will be held in the Imperial Anichkov Palace – one of the residences of the Tsars' family for several generations, conveniently located in the historic centre of the city.

The address of the organizing committee is:

Prof. A.L. Fradkov, Institute for Problems of Mechanical Engineering, 61 Bolshoi Ave. V.O., 199178, St Petersburg, Russia. Tel: +7(812)321-4766, Fax: +7(812)321-4771, e-mail: [physcon05@physcon.ru](mailto:physcon05@physcon.ru), [www.physcon.ru](http://www.physcon.ru)

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“Mixed Problems of Solid Mechanics” in Saratov on 22–25 August, 2005

The Russian National Committee for Theoretical and Applied Mechanics, the Scientific Council of the Russian Academy of Sciences for Solid Mechanics, the Russian Foundation for Basic Research and Saratov State University are organizing a Conference “Mixed Problems of Solid Mechanics” in Saratov on 22–25 August, 2005. Detailed information can be found on the conference website: [www.mpsm05.sgu.ru](http://www.mpsm05.sgu.ru)

Tel. (8452) 261696.

*Translated by Yu.G.*