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Announcement

CALL FOR PAPERS[☆]

XIth International Conference on 'Stability and Oscillations of Nonlinear Control Systems', 1–4 June 2010, Moscow, Institute of Control Sciences of RAS

The Institute of Control Sciences of the Russian Academy of Sciences, together with the Department of Power Engineering, Industry, Mechanics, and Control of RAS and the Scientific Council on Automation and Control Theory, is organizing the XIth International Conference on 'Stability and Oscillations of Nonlinear Control Systems' (Pyatnitskiy's Conference), 1–4 June 2010. The purpose of this conference is to provide opportunities for scientists and engineers to meet and to discuss current research, new concepts and ideas, and establish opportunities for future collaborations in all aspects of Stability Theory, Control Theory and Dynamics.

Topics of the conference

1. General Problems of the Stability Theory and Stabilization
2. General Problems and Methods of Nonlinear Oscillations Theory
3. Lyapunov Function Methods for Nonlinear Control Systems and Hamilton–Jacobi–Lyapunov–Bellmann Methods in the Theory of Optimal Control and Game Problems of Control
4. Smooth and Nonsmooth Dynamics
5. Controllability and Observability Problems in Control Theory
6. Robust Control Problems
7. Control of Mechanical Systems
8. Stability and Control of Hybrid and Switched Systems
9. Applied Control Problems and Computer-Oriented Methods

The prospective participants are expected to submit the on-line registration form.

Organizing Committee

Valentin N. Tkhai, Chairman
Aleksandra A. Zobova, Secretary
Institute of Control Sciences, Organizing Committee of the Conference on Stability
65 Profsoyuznaya str., Moscow 117997, Russia
Tel.: +7(495)334-93-69, +7(495)334-93-31; Fax: +7(495)334-93-6, e-mail: stab@stab10.ru;
<http://www.stab10.ru/>

[☆] *Prikl. Mat. Mekh.* Vol. 73, No. 6, p. 1047, 2009.