

ALCOSP 2007 PAPER SUBMISSION FORM

Title of paper

Authors:

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REGISTRATION FEE

Registration fee includes: attendance of all sessions, proceedings on CD-ROM, program and abstracts volume, transfer to and from airport, lunches and refreshments during the conference, city bus tour, welcome reception and conference banquet on Aug. 31.

Full fee: **430 €**(before **May, 15**); **490 €**(after **May, 15**)

Student fee: **250 €**

The payment should be sent in *euro* by direct bank transfer or wire transfer. Credit cards are not acceptable.

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IMPORTANT DATES:

Deadline for submission: **January 15, 2007.**

Notification of acceptance: **April 15, 2007.**

Camera ready copy: **June 15, 2007.**

Workshop: **August 29-31, 2007.**

International Federation of Automatic Control



Workshop Adaptation and Learning in Control and Signal Processing (ALCOSP 2007)

Saint Petersburg, RUSSIA
August, 29–31, 2007



FIRST ANNOUNCEMENT AND CALL FOR PAPERS

Sponsors include:

- IFAC-TC on Adaptive and Learning Systems
- Russian National Committee on Automatic Control (RNKAU)
- St. Petersburg Regional Group of RNKAU
- Institute for Problems of Mechanical Engineering of Russian Academy of Sciences
- St. Petersburg State University

Co-sponsors include:

- IFAC-TC on Non-Linear Control Systems
- IFAC-TC on Stochastic Systems
- IFAC-TC on Modelling, Identification and Signal Processing

SCOPE OF THE WORKSHOP

A major goal of the Workshop is to bring together researchers and educators and to gain some general and unified perspectives in the studying of adaptive, learning and intelligent systems. The scope of the workshop will cover all areas of adaptive systems theory and its applications in science and engineering, in particular in control, communications and signal processing. The topics for the Workshop ALCOSP 2007 **include but are not limited to:**

- **Adaptive control of linear or nonlinear systems**
- **Stochastic adaptive control**
- **Learning and intelligent control**
- **Stability and complex dynamics**
- **Adaptive and intelligent networked systems**
- **Adaptation and learning in telecommunications**
- **Identification**
- **Gain-scheduling**
- **Recursive algorithms**
- **Adaptive filters**
- **Adaptive signal processing**
- **Adaptation and learning applications** (motion control, communications, nano- and femtotechnologies, etc.)

Panel discussion on topics of interest to industry will be organized.

Industrial companies are invited to participate in product exhibition (please contact the organizers).

WORKING LANGUAGE

English will be the official language of the Workshop. No simultaneous translation will be provided.

IFAC COPYRIGHT POLICY

The material submitted for presentation at an IFAC meeting (Congress, Symposium, Conference, Workshop) must be original, not published or being considered elsewhere. All papers accepted for presentation will appear in the Preprints of the meeting and will be distributed to the participants. Papers duly presented at the Congress, Symposia and Conferences will be archived and offered for sale, in the form of Proceedings, by Elsevier Ltd, Oxford, UK. In the case of Workshops, papers duly presented will be archived by IFAC and may be offered for sale, in the form of Proceedings, by Workshop organizers. The presented papers will be further screened for possible publication in the IFAC Journals (Automatica, Control Engineering Practice, Annual Reviews in Control, Journal of Process Control and Engineering Applications of Artificial Intelligence), or in IFAC affiliated journals. All papers presented will be recorded as an IFAC Publication. Copyright of material presented at an IFAC meeting is held by IFAC. Authors will be sent a copyright transfer form. The IFAC Journals and, after these, IFAC affiliated journals have priority access to all contributions presented. However, if the author is not contacted by an editor of these journals within three months after the meeting, he/she is free to re-submit the material for publication elsewhere. In this case, the paper must carry a reference to the IFAC meeting where it was originally presented.

SUBMISSION

The Organizing Committee invites the prospective authors to submit their full text draft papers (4–6 two-column pages) by **January 15, 2007** to the Organizing Committee. All contributions will be subject to reviewing.

The title should be followed by the authors' names, affiliations, addresses (including FAX and E-mail address) and abstracts (60–100 words). Electronic submission in PDF or PS formats is preferable. Site for electronic submission will be launched in **October, 2006**.

LOCATION

Saint Petersburg is located in the mouth of Neva river near the Finnish Gulf of the Baltic Sea. There are daily flights of major international carriers to the International airport "Pulkovo" of St. Petersburg. It also can be reached from Helsinki, Finland by plane (0.5 hours) or by train (4 hours).

WORKSHOP VENUE

The Workshop will take place in the Imperial Anichkov Palace – one of the residences of the Tsars' family in several generations, beautifully located in the historical center of the city. Some pictures of the Anichkov Palace can be found on the Workshop website.

SOCIAL PROGRAM

Saint Petersburg (the former capital of Russia) with about 5 millions inhabitants is often called "The Venice of the North" and recognized as one of the most beautiful cities in the world. Various guided tours over St. Petersburg and suburbs including visits to Tsars' palaces and museums will be organized during both the Workshop days and the weekends.

ADDRESS OF ORGANIZING COMMITTEE

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