

THE SECOND ANNOUNCEMENT

THE FORTH INTERNATIONAL SCHOOL–SEMINAR «NONLINEAR ANALYSIS AND EXTREMAL PROBLEMS»

June 22 – 28, 2014, Irkutsk

Organizers

Institute for System Dynamics and Control Theory SB RAS

Sobolev Institute of Mathematics SB RAS

Institute of Mathematics and Mechanics UB RAS

Program committee

Chairman: A.A. Tolstonogov (Irkutsk, Russia)
Vice-chairman: V.A. Dykhta (Irkutsk, Russia)
Members of the committee: Z. Artstein (Israel)
I. Ekeland (France, Canada)
Yu.S. Ledyayev (USA)
V.M. Tikhomirov (Moscow, Russia)
V.V. Zhikov (Moscow, Russia)
V.N. Ushakov (Yekaterinburg, Russia)
E.L. Tonkov (Izhevsk, Russia)
G.V. Demidenko (Novosibirsk, Russia)
N.A. Sidorov (Irkutsk, Russia)
A.S. Strekolovsky (Irkutsk, Russia)
M.V. Falaleev (Irkutsk, Russia)
I.A. Finogenko (Irkutsk, Russia)

Organizing committee

Chairman: V.A. Dykhta
Scientific secretary: A. A. Lempert
Members of the committee:
A.L. Kazakov A.A. Kosov
A.V. Orlov P.S. Petrenko
N.I. Pogodaev O.N. Samsonyuk
S.P. Sorokin S.A. Timoshin
V.A. Shelekhov A.A. Scheglova

The main topics of the conference are

- nonlinear analysis and its applications;
- dynamic systems;
- evolution equations and partial differential equations;
- calculus of variations and optimal control.

Day	1	2	3	4	5	6	7	8
Time	June 22	June 23	June 24	June 25	June 26	June 27	June 28	June 29
8.30	Arrival	Registration			Trip to the lake Baikal			Departure
9.00		Opening	Series of lectures			Sectional talks		
9.30								
10.00		Break		Break				
11.00		Series of lectures		Sectional talks				
11.15		Break		Break				
12.15		Series of lectures		Sectional talks				
12.30		Break		Break				
13.30		Lunch		Lunch				
15.00		Series of lectures		Sectional talks				
16.00		Break		Break		Closing		
16.15		Sectional talks		Sectional talks				
18.15		End of work		End of work				

The program of the plenary talks of the school-seminar (series of lectures):

Author	Title
Ivar Ekeland (Université Paris-Dauphine, France)	The variational principle: years later. Applications to variational problems and differential equations (3 lectures).
Yuri Ledyev (Western Michigan University, USA)	Discontinuous positional controls in problems of invariance, stability and stabilization of control systems (3 lectures).
Zvi Artstein (Weizmann Institute of Science, Israel)	Relaxed feedback control in the problems of stability and stabilization of the control dynamic systems (3 lectures).

The program of the sectional talks of the school-seminar will be communicated before the beginning of the school-seminar.

Venue

Institute for System Dynamics and Control Theory SB RAS
664033, Irkustk, Lermontov str., 134.

A one-day trip to the lake Baikal will be organized.

Important dates

Submission of papers due	April 30, 2014
Notification of acceptance by	May 15, 2014
Confirmation of participation by	May 25, 2014
School-seminar period	June 22 - 28, 2014

Conference fees and accommodation

The conference fee amounting to 2500 Russian rubles (1000 Russian rubles for Ph.D. and graduate students) is paid *upon registration*. Remote participation is allowed. Those who wish to take part in the trip to Lake Baikal will need to pay an extra fee (approx. 2500 rubles). Reporting documents will be provided.

The hotel «Academicheskaja» located at Lermontov str., 271a (Academgorodok) is proposed for the accommodation of participants of the conference:

<i>Room category</i>	<i>Price in Russian Rubles</i>
Single room	from 1950 to 2200 (for RAS members – 990)
Double room	from 1180 to 1750 (for RAS members – 630)

Transport

The organizing committee will meet the participants of the school-seminar upon arrival.

To get from the airport to the institute you can take the trolleybus no. 6, the buses no. 80, 90, the share taxi no. 45 and go to the stop «Akademgorodok».

To get from the railway station to the institute you can take the share taxi no. 72 until the stop «Akademgorodok».

To get to the hotel «Academicheskaja» you take the same numbers and go to the stop «Shkola № 19».

The transportation fee for both public transport and share taxis is 12 rubles.

Registration

The registration of participants of the school-seminar will take place on **June 23, 2014 from 8.30 till 9.30** in the hall of the Institute for System Dynamics and Control Theory SB RAS. Address: Irkutsk, Lermontov str., 134.

IMPORTANT NOTICE!

All participants not from Irkutsk must communicate to the organizing committee before May 25, 2014:

- the arrival and departure dates, means of transport, the flight details;
- the hotel and the type of room they wish to be accommodated in.

This information is necessary for booking the hotel and organizing the pickup at the airport or railway station.

Technical support

The following equipment will be provided for the talks: multimedia projector (LCD Projector).

CALL FOR PAPERS

If you would like to participate in the school-seminar please submit not later than May 12, 2014, the following participation form to the organizing committee:

School-seminar	
«Nonlinear analysis and extremal problems»	
Name
Affiliation
Scientific degree.....	Scientific title.....
Address.....
Phone.....	E-mail.....
Title of the talk.....
Section.....
I plan (I do not plan) to take part in the trip to the lake Baikal.	

The requirements for formatting the abstracts of talks are indicated below. The organizing committee may reject the abstracts submitted if they do not lie within the subjects of the school-seminar, the quality of the results does not conform to the level of the school-seminar or if the abstracts do not fulfill the requirements for formatting below.

Participation forms and abstracts of talks should be sent by e-mail to the following address: nla2014@icc.ru.

The invitations and additional information will be sent to the participants after reviewing the submitted abstracts. The conference proceedings are planned to be published before the beginning of the school-seminar. The series of lectures will also be available in an electronic form before the conference starts.

FORMATTING GUIDELINES FOR THE ABSTRACTS

The abstracts of talks not exceeding one printed page should be prepared using a TEX editor according to the following template:

File example.tex:

```
\documentclass[12pt,a4paper]{article}
\usepackage[cp1251]{inputenc}
\usepackage[russian]{babel}
\usepackage{amscd,amssymb,psfig}
\usepackage[dvips]{graphicx}

\textheight= 25cm
\textwidth= 16cm
\hoffset= -0.3cm
\voffset= -2cm

\begin{document}
{\large
\centerline{\bf TITLE}
\vspace{0.5cm}
\centerline{\bf Name of the author 1, Name of the author 2}}
\vspace{0.5cm}
\centerline{Affiliation, address, e-mail}
\vspace{0.5cm}
```

Text of the talk. Text of the talk. Text of the talk. Text of the talk.
Grants acknowledgments can be added in the last sentence.

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\begin{thebibliography}{9}
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\bibitem{1} References

\end{thebibliography}

\end{document}

The end of the file example.tex.

ORGANIZING COMMITTEE'S ADDRESS

664033, Irkutsk, Lermontov str., 134, IDTSU SO RAN.

E-mail: nla2014@icc.ru.

Phone: (3952) 45-30-30, (924) 602-58-52 – Lempert Anna Anan'evna.

Fax: (3952) 51-16-16 (with the heading «School-seminar NLA-2014»).

Chairman of the committee:

V.A. Dykhta

Scientific secretary:

A.A. Lempert