The 15th Baikal International School-Seminar on OPTIMIZATION METHODS AND THEIR APPLICATIONS

The conference is dedicated to the memory of Professor Valerian P. Bulatov

The 15th Baikal International School-Seminar on OPTIMIZATION METHODS AND THEIR APPLICATIONS will be held in **June 23–29 2011**, near Irkutsk, on shore of Lake Baikal, in the village Listvyanka, Russia.

The conference is organized every third year. This year it is organized by the Institute for System Dynamics and Control Theory (ISDCT) of the Siberian Branch (SB) of the Russian Academy of Sciences (RAS) (www.idstu.irk.ru) jointly with Dorodnicyn Computing Centre of the RAS, the Institute of Energy Systems of SB RAS, the Institute of Control Science of the RAS, the Russian Association of Mathematical Programming, Irkutsk State University, Irkutsk State Agricultural Academy.

The conference is a forum for researchers working on all aspects of Optimization. As well as in the previous years, it collects main specialists in this field from Russia with international participation. We believe that the program will be also interesting for practitioners who want to increase the efficiency of their business with applications of optimization models.

The Organizing Committee is looking forward to see you in Irkutsk – the center of the Eastern Siberia – with beautiful nature, admirable lake and mounting views. We promise you an interesting scientific and social program. A diversified Social Program will be drawn up for the pleasure of the participants and accompanying persons.

The working languages of the conference are Russian and English.

The conference website: http://www.idstu.irk.ru/en/MOP-2011.

TOPICS

- Mathematical Programming
- Global Optimization
- Optimal Control
- Equilibrium and Bilevel Programming
- Parallel Computing in Optimization
- Nondifferential Optimization
- Discrete Optimization (Combinatorial Optimization and Integer Programming)
- Applications of Optimization Methods in Economics

PROGRAM COMMITTEE

Y.G. Evtushenko (chairman), Dorodnitsyn Computing Centre of RAS, Moscow I.V. Bychkov (vice-chairman), ISDCT SB RAS,

Irkutsk

S.N. Vasiliev (vice-chairman), Institute of Control Sciences of RAS, Moscow

N.I. Voropay (vice-chairman), Institute of Energy Systems of SB RAS

A.Yu. Gornov (scientific secretary), ISDCT SB RAS, Irkutsk

A.P. Afanasiev, Institute of Systems Analysis of RAS, Moscow

V.M. Alexandrov, Institute of problems in mechanics of RAS, Moscow

A.S. Antipin, Dorodnitsyn Computing Centre of RAS, Moscow

N.N. Astafiev, Institute of Mathematics and Mechanics of UrB RAS, Ekaterenburg

P. Avella, University of Sannio, Italy

M. Boccia, University of Sannio, Italy

V.A. Dykhta, ISDCT SB RAS, Irkutsk

I.I. Eremin, Institute of Mathematics and Mechanics of UrB RAS, Ekaterenburg

R. Enhbat, National University of Mongolia

R.A. Gabasov, Belarusian State University, Minsk

V.P. Gergel, Lobachevsky State University, Nizhny Novgorod

E.Kh. Gimadi, Sobolev Institute of Mathematics of SB RAS, Novosibirsk

V.I. Gurman, Program Systems Institute of RAS, Pereslavl-Zalessky

M.N. Kalimoldaev, Institute for Problems of Informatics and Control Sciences, Almaty, Kazakhstan

M.Yu. Khachai, Institute of Mathematics and Mechanics of UrB RAS, Ekaterenburg

F.M. Kirillova, Institute of Mathematics of National Academy of Sciences of Belarus Yu.A. Kochetov, Sobolev Institute of Mathematics of SB RAS, Novosibirsk

A.A. Kolokolov, Omsk Department of Sobolev Institute of Mathematics of SB RAS, Omsk

A.A. Lazarev, Institute of Control Sciences of RAS, Moscow

A.V. Lotov, Moscow State University, Moscow Yu.E. Nesterov, Université Catholique de Louvain,

Belgium

E.A. Nurminski, Institute of Automation and Control Processes of RAS, Vladivostok

V.K. Popkov, Institute of Computational Mathematics and Mathematical Geophysics, Novosibirsk

B.T. Polyak, Institute of Control Sciences of RAS, Moscow

L.D. Popov, Institute of Mathematics and Mechanics of UrB RAS, Ekaterenburg

S.P. Shary, Institute of Computational Technologies of SB RAS, Novosibirsk

V.A. Srochko, Irkutsk State University, Irkutsk

A.S. Strekalovsky, ISDCT SB RAS, Irkutsk

I. Tseveendorj, University of Versailles, France

A.I. Tyatyushkin, ISDCT SB RAS, Irkutsk

M. Yachimovich, University of Montenegro, Montenegro

Ya.I. Zabotin, Kazan State University, Kazan

V.G. Zhadan, Dorodnitsyn Computing Centre of RAS, Moscow

V.I. Zorkaltsev, Institute of Energy Systems of SB RAS

ORGANIZING COMMITTEE

A.Yu. Gornov (chairman), ISDCT SB RAS, Irkutsk A.V. Orlov (vice-chairman), ISDCT SB RAS, Irkutsk

T.S. Zarodnyuk (tech. secretary), ISDCT SB RAS, Irkutsk

N.A. Ayzenberg, Institute of Energy Systems of SB RAS, Irkutsk

V.A. Baturin, ISDCT SB RAS, Irkutsk

E.V. Chistyakova, ISDCT SB RAS, Irkutsk

N.I. Fedurina, Irkutsk State Agricultural Academy, Irkutsk

A.I. Golikov, Dorodnicyn Computing Centre of RAS, Moscow

Ya.M. Ivanio, Irkutsk State Agricultural Academy, Irkutsk

K.B. Klimentova, ISDCT SB RAS, Irkutsk

O.V. Khamisov, Institute of Energy Systems of SB RAS, Irkutsk

A.A. Kumachev, ISDCT SB RAS, Irkutsk

A.A. Lempert, ISDCT SB RAS, Irkutsk

A.V. Plyasunov, Sobolev Institute of Mathematics of Sb RAS, Novosibirsk

G.V. Shevchenko, Sobolev Institute of Mathematics of RAS. Novosibirsk

V.D. Skarin, Institute of Mathematics and Mechanics

S.P. Sorokin, ISDCT SB RAS, Irkutsk

of UrB RAS, Ekaterenburg

I.L. Vasilyev, ISDCT SB RAS, Irkutsk

CONFERENCE VENUE

The conference will be held in village Listvyanka at the Center for Tourism and Recreation at the "Hotel Pribaikalskaya", http://www.pribaikalskaja.ru.

DEADLINES

- April 1, 2011 preregistration
- April 15, 2011 abstract submission
- April 22, 2011 acceptance notification

PREREGISTRATION AND ABSTRACT SUBMISSION

Please, send us your name, surname, affiliation and title of your presentation by email before April 1, 2011.

Extended abstract (4–6 pages) has to be prepared with LATEX using the template available on the conference website. It has to be mailed to MOP2011@icc.ru before April 15, 2011. The abstract will be published in the conference proceedings and website.

REGISTRATION FEE

Registration fee is 3000 Rubles (1500 Rubes for students and PhD students) or 80 Euros (40 Euros for students). Details about the payment methods will be given later.

ACCOMODATION

Further details will be given later.

TRAVEL INFORMATION

If you are not a Russian citizen and you travel from abroad, you have to get a visa at the nearest Russian embassy. All necessary documents and other details of the visa application will be sent you after the acceptance notification.

Irkutsk is located in the center of Eastern Siberia in about 5000 kilometers from Moscow. It can be easily reached by airplanes or trains. The main airlines companies which operate in Irkutsk airport are: www.aeroflot.ru, www.s7.ru, www.utair.com. This summer the direct flight to Munich is expected.

Listvyanka is located in about 66 kilometers from Irkutsk. It is well connected with Irkutsk by buses. The forth and back transfer will be organized at the first and last days of the conference. All other details and tourist information will be given later.

CONTACTS

Institute for System Dynamics and Control Theory SB RAS,

Lermontov str., 134, 664033 Irkutsk, Russia.

E-mail: MOP2011@icc.ru

Scientific secretary Alexander Yu. Gornov Phone.: +7 (3952) 45-30-04, +79148997430 Technical secretary Tatiana S. Zarodnyuk Phone.: +7 (3952) 45-30-45, +79148930050

Fax: +7 (3952) 51-16-16 (with label "to school-seminar MOP-2011").