

INTERNATIONAL GLACIOLOGICAL SOCIETY

INTERNATIONAL SYMPOSIUM ON SNOW SCIENCE

Moscow, Russia  
3–7 September 2007



CO-SPONSORED BY

Institute of Geography, Russian Academy of Sciences  
Moscow State University

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THIRD CIRCULAR

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# INTERNATIONAL GLACIOLOGICAL SOCIETY

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## INTERNATIONAL SYMPOSIUM ON SNOW SCIENCE

The International Glaciological Society will hold an International Symposium on Snow Science in 2007. The symposium will be held in Moscow, Russia, with registration on 2 September and sessions from 3 to 7 September 2007.

## SYMPOSIUM ORGANIZATION

Magnús Már Magnússon (International Glaciological Society)

## LOCAL ARRANGEMENTS COMMITTEE

V.M. Kotlyakov (chairman), S.A. Sokratov (co-chairman), A.N. Bozhinskii, V.R. Bolov, A.F. Glazovskii, M.Yu. Gnedovskaya, S.A. Dobrolyubov, N.S. Kasimov, N.I. Osokin, P.A. Chernous, A.L. Shnyparkov

## SCIENCE STEERING AND EDITORIAL COMMITTEE

M. Schneebeli and J.B. Johnson (Chief Editors) E. Adams, C. Ancey, P. Bartelt, K. Birkland, A. Bozhinskii, R. Essery, M. Eglit, P. Gauer, A. Glazovskii, F. Nicot, M. Parlange, P. Satyawali, A. Sato, S. Sokratov, V. Stöckli.

## INFORMATION ABOUT THE SYMPOSIUM MAY BE OBTAINED FROM:

International Glaciological Society, Scott Polar Research Institute,  
Lensfield Rd, Cambridge CB2 1ER, UK.

Tel: +[44] (0)1223 355 974

Fax: +[44] (0)1223 354 931

Email: [igsoc@igsoc.org](mailto:igsoc@igsoc.org)

Web: <http://www.igsoc.org/symposia/2007/russia/>

Registration: <http://www.onlinereg.ru/igs>

A local symposium web site <http://www.igs-moscow.org> provides additional information and can also be accessed from the symposium navigation page on the IGS website.

## LOCAL INFORMATION

The symposium will take place in the building of the Presidium of the Russian Academy of Sciences, at the Moscow river bank close to the city centre (Leninskii prospect 32A), Moscow State University, and Gorky park.

**Registration** will be open in the foyer of Symposium Venue from 10:00 on Sunday 2 September and will be open each day from then until 7 September. **Ice breaker** will take place at the same place in evening.

## THEME

Snow is a complex and short-lived sediment with many effects on its surroundings. The emphasis will be on the internal processes and external interactions of snow with natural and man-made systems.

A better understanding of the interfacial properties of snow is required to define exchange mechanisms that drive chemical, ecological and hydrological processes in many regions of the world. The snow interface also determines how roads, buildings, ski-pistes and other man-made systems are designed and used. How atmospheric interactions contribute to the formation of snow avalanches and other cold-region natural hazards will be a further conference topic, as will be snow in motion and modelling snow under static and dynamic loadings, since these are key issues in engineering problems. We hope to bring together researchers working on the physical properties of snow with scientists working on ecological, hydrological and engineering problems in which the understanding snow processes plays a key role. Snow will be examined at all scales - from the microscale of snow structure to the megascale of remote sensing. The conference theme is to pay homage to the International Polar Year 2007–2008.

**TOPICS:** The topics of the Symposium include:

1. Observing and modelling of snow at different scales:
  - a) Snow cover distribution and variability
  - b) Snow and its stratigraphy
  - c) Snow microstructure
  - d) Scaling issues
2. Snow as a component of climate and of landscape:
  - a) Snow-atmosphere interactions
  - b) Snow-ground interaction
  - c) Perennial snow cover in the Arctic, Antarctic and mountains
3. Snow physics and -chemistry
  - a) Snow metamorphism- heat and mass transfer
  - b) Snow chemistry and metamorphism
  - c) Heat and mass transfer in snow
  - d) Physical and mechanical properties of snows
4. Snow in motion
  - a) Snow avalanches
  - b) Snow drift
  - c) Snow tribology
5. Snow engineering
  - a) Avalanche engineering and warning
  - b) Architecture and constructions in snowy regions
6. Snow and biosphere
  - a) Vegetation
  - b) Wildlife

## SESSIONS AND POSTERS

Oral sessions are all located in the building of the Presidium of the Russian Academy of Sciences. Posters will be displayed on the 6-st floor of Symposium Venue. Poster session itself starts at 14.00 on 06.09.07. Posters could be hang up from 12.00.

### *Oral presentations:*

Oral presentations will be allowed 20 minutes *inclusive* of time for discussion. The session chairs will be asked to ensure that every presentation starts and finishes according to the schedule.

Presentations will be given in modern lecture theatres. An overhead projector, video and DVD players, and a PC running MS PowerPoint and Acrobat Reader 7.0 are available for presentations. Presentations should be uploaded from CD/DVD or USB memory stick/flash drive. **Please bring your presentation, on CD/DVD or USB memory stick/flash drive, to Sunday registration, as this is the ideal opportunity to upload presentations to the lecture theatre server.**

### *Poster presentations*

Poster introductions will be allowed for 2 minutes and *one overhead*. PowerPoint presentations etc. are discouraged due to the additional time required.

The mounting boards for posters are A0 portrait (84cm x 118.8 cm). Velcro will be provided.

### **PUBLICATION**

Final papers, based on presentations at the Symposium, which have been submitted and accepted by the Editorial Board following review, will be published in English in the *Annals of Glaciology* (Vol. 48). Final, revised versions of papers must be submitted by **15 October 2007**. Timely publication of the *Annals of Glaciology* will depend upon strict adherence to deadlines.

**LAST DATE FOR RECEIPT OF REVISED PAPERS: 15 October 2007**

### **SOCIAL PROGRAMME**

- 02.09.07 - Excursion to Novodevichy Convent
- 03.09.07 - Excursion to Diamond Fund
- 03.09.07 - Excursion to the Cathedral of Christ the Savior
- 04.09.07 - Excursion to The Kremlin
- 04.09.07 - Excursion to Pushkin Museum of Fine Arts
- 05.09.07 - City tour
- 07.09.07 - Excursion to Diamond Fund
- 07.09.07 - City tour

In addition to the mid-week excursion in Moscow, a 2-3 days post symposium tour to St. Petersburg will be organized. Details are provided at <http://www.onlinereg.ru/igs>

### **BANQUET**

The IGS banquet will be held in the building of the Presidium of the Russian Academy of Sciences, in Fountain Hall. It will start on Thursday evening, at 18:00.

### **ACCOMPANYING PERSON'S PROGRAMME**

The accompanying person's registration fee includes the icebreaker, the banquet, and the mid-week excursion. The travel agency managing registration will be able to assist accompanying persons to make further arrangements.

### **LOCATION AND WEATHER**

The symposium will take place in the building of the Presidium of the Russian Academy of Sciences, at the Moscow river bank close to the city centre (Leninskii prospect 32A), Moscow State University, and Gorky park.

The long-term mean temperature in Moscow in September is +11°C, normally varying from +7 up to +16°C, though the absolute minimum of -5°C was recorded in 1976 and the absolute maximum of 29°C was recorded in 1992. In recent years the September temperature has been slightly higher than the long-term mean. Mean humidity is 79%. Normally half days in this month are rainy and most are cloudy or partly cloudy.

## **TRAVEL AND ACCOMMODATION**

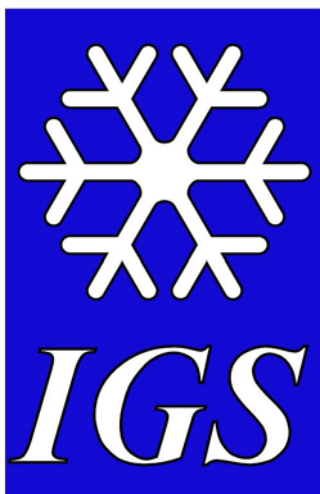
Citizens of most countries need visa to enter Russia.

## **CREDIT CARDS**

Almost all restaurants and shops readily accept Credit Cards. In Downtown and in every large shop, hotel etc there are 24hr-accessible ATM's (Automated Teller Machines) where one can withdraw cash with Credit and Bank cards.

## **IMPORTANT DATES**

Abstracts due	12 Mar 07
Notification of acceptance	30 Apr 07
Pre-registration due	03 Jun 07
Papers due	02 Jul 07
Deadline for full refund	03 Jul 07
Deadline for partial refund	03 Aug 07
Registration	02 Sep 07
Conference starts	03 Sep 07
Post-symposium tour starts	08 Sep 07
Final revised papers due	15 Oct 07





Moscow State University



The Presidium of Russian Academy of Science

Map showing the surrounding of the Symposium Venue:



A city map will be included in every Symposium bag.