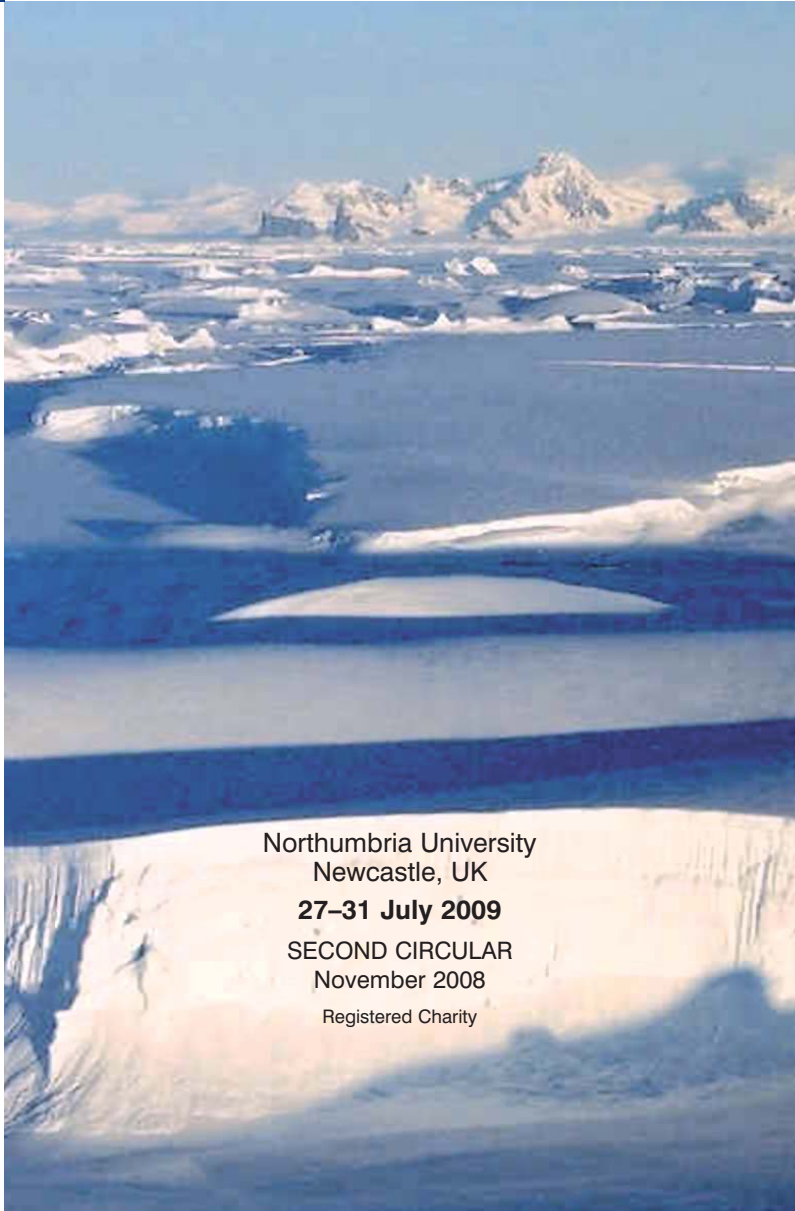




International Glaciological Society

# International Symposium on Glaciology in the International Polar Year



Northumbria University  
Newcastle, UK

**27-31 July 2009**

SECOND CIRCULAR  
November 2008

Registered Charity

## INTERNATIONAL GLACIOLOGICAL SOCIETY

**President:** E. Brun

**Vice-Presidents:** M. Funk, K. Goto-Azuma, M. Sturm

**Immediate Past President:** A. Ohmura

## SYMPOSIUM ON GLACIOLOGY IN THE INTERNATIONAL POLAR YEAR

The International Glaciological Society will hold an International Symposium on Glaciology in the International Polar Year (IPY) in 2009. The symposium will be held at Northumbria University, Newcastle upon Tyne, UK, from 27–31 July. This is the only IGS Symposium specifically focussed on IPY, and in the spirit of IPY will foster cross-disciplinary understanding, and will include a significant outreach component.

## SCIENTIFIC STEERING AND EDITORIAL COMMITTEE

Hilmar Gudmundsson (Chief scientific editor), Robert Bindschadler, Ed Bueler, Jane Francis, Mahlon Kennicutt, Bernd Kulesa, Kathy Licht, Shawn Marshall, Elizabeth Morris, Colm O'Cofaigh, Frank Pattyn, John Priscu, Martin Siegert, Andy Smith, David Vaughan, John Woodward.

## INFORMATION ABOUT THE SYMPOSIUM MAY BE OBTAINED FROM:

### Magnús Már Magnússon

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

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

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

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

IGS Web: <http://www.igsoc.org/symposia/>

### John Woodward

School of Applied Sciences, Northumbria University,  
Ellison Place, Newcastle upon Tyne. NE1 8ST, UK.

Tel: +[44] (0)191 227 3048

Fax: Tel: +[44] (0)191 227 3519

Email: [igs2009@northumbria.ac.uk](mailto:igs2009@northumbria.ac.uk)

Local website: <http://northumbria.ac.uk/igs2009>

Updates on the conference will be provided on the web page. Members of the International Glaciological Society will automatically receive a second circular.

## PARTICIPATION

This circular includes instructions for registration and for arranging accommodation through the NewcastleGateshead Conference Bureau website. A registration form (available at the symposium website) is also included, though online registration is strongly encouraged. Registration and the accompanying payment are due 20 March 2009. There is a surcharge for late registration. The participant's registration fee includes organization costs, a set of abstracts, the icebreaker, coffee breaks and lunch, a copy of the IGS publication, the mid-week excursion and barbecue and the banquet.

Registration fees	£	€	\$
Participant (IGS member)	300	380	490
Participant (not IGS member)	350	450	580
Student or retired IGS member	160	190	250
Accompanying person	150/120	200/160	250/200
Late registration surcharge (after 4 April 09)	50	65	80

Prices are fixed by the £ Sterling. All credit card payments are processed in £. It may be necessary to amend the € Euro and the \$ US rates at a later stage depending on exchange fluctuations.





## THEME

The Polar cryosphere, including ice sheets, glaciers, surrounding permafrost regions and the sea ice of the polar oceans are remote components of the Earth System that have profound significance for the future of our planet. The International Polar Year (IPY) running from 2007–2009 places advancing our understanding of the polar cryosphere and its interconnectivity with the Earth's climate systems amongst its key scientific priorities. Investigation of the past and current stability of ice sheets and glaciers in the Arctic and Antarctic are key to predicting the future state and fate of the polar ice sheets. In recent years, evidence of significant climate warming has been observed in both Polar regions with impacts on ice shelves, glacier mass balance and ice sheet flow.

The IPY framework encourages international collaboration in polar studies. This conference will bring together polar scientists engaged in fieldwork, monitoring and modelling activities to assess the state of our knowledge of the glaciology of the Polar regions at the end of IPY. The conference will encompass all aspects of research into polar glaciology. We particularly welcome contributions on the themes outlined below.

## TOPICS

1. Palaeoclimate and palaeoglaciology with relevance to the onset of glaciation and deglaciation events in the northern and southern hemisphere.
2. Polar ice sheets during and since the Last Glacial Maximum: clues to the past and keys to the future.
3. Ice dynamics, ice extent and ice sheet stability including observed impacts from a changing climate.

4. Ice-shelf dynamics and grounding line processes, including connections between the sub-ice cavity and the deep ocean.
5. Ice/snow/atmosphere interactions including the connection of global atmospheric patterns to the moisture fluxes delivered to polar glaciers, mass balance monitoring and modelling and climate records from ice core activities.
6. Predicting the future of the Polar ice sheets.
7. Exploring conditions associated with glacial, subglacial and sea ice environments.
8. The legacy of studies from the 1957 IGY/IPY, and the possible legacy of current IPY activities.

## SESSIONS

Oral presentations will be held over four and a half days. Invited presentations on progress made during the IPY will also form part of the conference. There will be ample opportunity for poster displays. An excursion on the Wednesday afternoon of the conference will allow posters to be displayed in a public Venue at Alnwick Gardens. Posters will also be displayed as themed sets at the conference venue.

Breakout rooms will be available should international IPY collaborations like to arrange meetings during the conference. Please contact the local organiser if your project would like a meeting room for part of the conference. Every attempt will be made to prevent overlap with relevant conference sessions for delegates participating in meetings of this kind.



## EVENTS AND EXCURSIONS

A series of events and excursions will be organised:

1. The Conference dinner will be held on Thursday 30 July at St James' Park, the home of Newcastle United Football Club. This is one of the premier banqueting venues in Newcastle, and the real cultural heart and soul of the city.
2. Poster sessions will be held at Alnwick Castle and Gardens on the afternoon of Wednesday 29 July. These sessions will be open to the public. Delegates will have time to visit the scenic town of Alnwick and the Castle. The traditional barbecue will be held in the Gardens after the poster session.
3. Day and evening trips will be organised to the nearby historic City of Durham with its Cathedral and Castle. There will be an additional charge for these excursions.
4. Day trips for walking will be arranged to the Northumberland Coast and Hadrian's Wall. These will run during the conference and on the Saturday following the conference. Again, there will be an additional charge for these events.
5. There will be an ice breaker on the afternoon/early evening of Sunday 26 July during registration. An optional social event, a river cruise, associated with the UKPN meeting will run on the Sunday evening. There will be an additional charge for this event.





## VENUE

The conference venue is the newly developed Manors Buildings, City Campus East, Northumbria University. Northumbria University is located in the City of Newcastle upon Tyne in the Northeast of England. This new facility has lecture rooms, computer rooms and break-out rooms, around a large foyer and café space. The campus is less than five minutes walk from the centre of Newcastle and within 15 minutes walk of the quayside, where a range of bars restaurants and cafes can be found. Most of the recommended accommodation is on campus or within 10 minutes walk of the conference venue. In the month of July the temperature varies between 15–30°C with occasional rainfall.

## TRAVEL TO NEWCASTLE

1. Most delegates will fly into Newcastle airport. There are excellent links from the major London airports of Heathrow, Gatwick and Stansted, as well as major European airports with international hubs, such as Amsterdam and Paris. The airport has excellent links to the city. The taxi ride takes no more than 30 minutes in rush hour and the city metro system runs from the airport to the Manors Station next to the conference venue and the accommodation.
2. Train links are also excellent with connections on the East Coast mainline from London Kings Cross and York in the south and Edinburgh in the north. Cross-country services also run from Bristol, Birmingham, Liverpool, Manchester and Leeds.
3. Newcastle can also be reached by road from many major airports and cities, via the M1 motorway.

## ACCOMMODATION INFORMATION

A number of luxury and budget hotels and University halls of residence are available around the conference venue. An accommodation web booking facility has been opened by NewcastleGateshead Conference Bureau at: <https://www.conferencebookings.co.uk/delegate/NGIIGS2009>

Delegates should book their own accommodation online. The en suite accommodation at Camden Court is next door to the conference venue and breakfasts for delegates staying in this accommodation will be served in the conference centre. The nearest hotel is the Premier Inn. Many of the up-market hotels are a 15 minute walk from the conference venue.





## UK POLAR NETWORK MEETING

The UK branch of the Association of Early Career Polar Researchers (APECS), will be holding a meeting in parallel with the IGS symposium. The meeting aims to bring together early career polar scientists from undergraduate to post-doctoral level in any polar related field of study. The UKPN meeting will run on 26 and 27 July and will include invited speakers from the IGS Symposium, as well as non-academic talks, and poster sessions. The primary goal of the meeting is to discuss the future for early career Polar researchers as the current IPY draws to a close. Further details will be available on the UKPN webpage in January.

## OUTREACH

A series of public outreach sessions will be run during the conference. On two of the conference days there will be organised sessions for school children and teachers. Conference participants are invited to participate in these outreach activities by providing oral and poster presentations aimed at general audiences, in addition to their scientific participation in the conference.

## ABSTRACTS

(1) SUBMISSION OF ABSTRACTS: Participants who would like to contribute to the Symposium should submit an abstract of their proposed presentation. This abstract must contain sufficient detail for its scientific merit and relevance to the symposium theme to be judged by the Editorial Board. A website will be available from 19 January 2009 where authors can upload their abstract and all the relevant contact information. The abstract itself should not exceed 400 words. References and illustrations should not be included. Those unable to submit their abstract via the internet can submit electronic files on a CD or diskette to the IGS office where a member of staff will upload them onto the website.

**LAST DATE FOR RECEIPT OF ABSTRACTS:  
20 MARCH 2009**

(2) SELECTION OF ABSTRACTS: Each abstract will be assessed on its scientific quality and relevance to the Symposium theme. Authors whose abstracts are accepted will be invited to make either an oral or poster presentation at the Symposium. First or corresponding authors will be advised by 8 May 2009 of the acceptance or otherwise; other authors will not be informed separately. Authors who have not received notification by that date should contact the IGS office in Cambridge in case their abstract was not received. The abstracts will be compiled into a paper format, and may be published on the Internet.

(3) DISTRIBUTION OF ABSTRACTS: A set of the accepted abstracts will be provided to participants upon registration on 27 July 2009.

## THEMATIC PUBLICATION

The Council of the IGS has decided to publish an Annals issue whose theme will be Glaciology in the International Polar Year. A first call for papers will be made in January 2009. Submissions are open to anyone. Deadline for paper submission will be 29 May 2009. All papers should be submitted through the IGS online submission system and will be refereed and edited according to the Society's regular standards before being accepted for publication. Those submitting abstracts to the symposium will be asked to indicate whether they intend to submit a paper for publication in the Annals, so that reviewers may be sought in advance. Papers submitted for consideration in the Annals cannot be submitted to another publication as well. Participants in the IACS conference in Montreal, the IPY session (MOCA-09), will also be encouraged to submit appropriate papers to the Annals volume.

## ACCOMPANYING PERSONS PROGRAMME

The accompanying person registration fee (£150 for 18 and over, £120 for under 18) includes the icebreaker, the mid-week excursion and barbecue, and the banquet. Short excursions in and around the Newcastle area will be offered, at additional cost. These include trips to the cathedral City of Durham, Hadrian's Wall and the Northumberland Coast.



## IMPORTANT DATES

Abstracts due	20 March 2009
Notification of acceptance	08 May 2009
Pre-registration deadline	20 March 2009
Papers due	29 May 2009
Deadline for refund	15 May 2009
Registration	26 July 2009
Conference starts	27 July 2009
Final revised papers	11 September 2009

## PAYMENT INSTRUCTIONS

Payment may also be made by a direct bank transfer to:

Bank of Scotland, 38 St Andrew Square,  
Edinburgh, EH2 2YR, UK.

### £ Sterling

**Account name:**

International Glaciological Society.

**Sort Code:** 80-11-00

**Account no:** 06065959

**IBAN number:** GB90 BOFS 8011 0006 0659 59

**SWIFT/BIC code:** BOFSGB21012

### € Euro

**Account name:**

International Glaciological Society.

**Sort Code:** 12-20-10

**Account no:** 40571001

**IBAN number:** GB85 BOFS 1220 1040 5710 01

**SWIFT/BIC code:** BOFSGB21EUL

### \$ US

**Account name:**

International Glaciological Society.

**Sort Code:** 80-20-13

**Account no:** 40571USD01

**IBAN number:** GB98 BOFS 8020 1340 5711 01

**SWIFT/BIC code:** BOFSGB2SXXX

Please note that we need the full amount. Any bank or transfer charges must be borne by the payee and included in the bank transfer. It is usually possible to indicate this on the bank transfer form by ticking a box.

If payment made after 20 March 2009, add £50 for each person.

## PLEASE RETURN AS SOON AS POSSIBLE TO:

Secretary General

International Glaciological Society

Scott Polar Research Institute

Lensfield Road

Cambridge

CB2 1ER, UK

Tel: +44 (0)1223 355 974

Fax: +44 (0)1223 354 931

E-mail: [igsoc@igsoc.org](mailto:igsoc@igsoc.org)

Web: <http://www.igsoc.org>





Located in North East England, Newcastle is a vibrant, modern city. An inspirational conference demands a setting to match. NewcastleGateshead has it all – venues, accommodation and attractions in a compact, accessible city that is certain to delight and inspire. There are superb national and international travel connections and the UK's fastest-growing regional airport.

Symposium on Glaciology in the International Polar Year  
Northumbria University, Newcastle upon Tyne, UK, 27–31 July 2009

**REGISTRATION FORM**

Family Name: \_\_\_\_\_  
 First Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Accompanied by:

Name: \_\_\_\_\_ Age (if under 18) \_\_\_\_\_  
 Name: \_\_\_\_\_ Age (if under 18) \_\_\_\_\_

<b>Registration fees</b>	<b>£</b>	<b>€*</b>	<b>\$*</b>
Participant (IGS member)	300	380	490
Participant (not IGS member)	350	450	580
Student or retired IGS member	160	190	250
Accompanying person	150/120	200/160	250/200
Late registration surcharge (after 4 April 09)	50	65	80

**TOTAL REGISTRATION FEES**      £       €       \$

\*Subject to change depending on exchange fluctuations

**ACCOMMODATION**

Accommodation bookings should be done by individual attendees through the local links as indicated above.

Payment of registration fee may be made by cheque to:

**INTERNATIONAL GLACIOLOGICAL SOCIETY**

or preferably by Access/Eurocard/MasterCard or VISA/Delta

Expires  Security code   
(the last three digits on the signature strip on the back of the card)

Name of card holder as shown on card: \_\_\_\_\_

Signature: \_\_\_\_\_