Eventi

Padova, 23-26 Ottobre 2008 - Etica e cambiamenti climatici
SPARC - General Assembly 2008
Bologna, 2008 June 16-20 - Advanced School on Data Assimilation
Gallipoli, 11-12 Giugno 2008 - IIÂ° Workshop CMCC: attivita', risultati, prospettive
Lecce, 21-25 Gennaio 2008 School on Climate extremes
Lecce, 3-7 Dicembre 2007 - Aerosol School
Sassari, 3-4 Dicembre 2007 - Workshop CMCC: attivita', risultati, prospettive
Ischia, 11-15 Giugno 2007 - Convegno nazionale di fisica della terra fluida e problematiche affini
Gallipoli, 30-31 Maggio-1 Giugno 2007 - La ricerca italiana sui Cambiamenti Climatici: Scenari, Impatti, Politiche
Pogdorica, 2-4 Aprile 2007 - ADRICOSM-STAR
Roma, 19 Febbraio 2007- Il CMCC e la sfida della scienza del Clima: un'iniziativa italiana
Venezia, 8 Dicembre 2006-Italy-Japan Meeting
Venezia, 6-7 Dicembre 2006 - EU-Japan Meeting on the Development of Next Generation Climate Models
Bologna, 27-29 Novembre 2006-Workshop on the Sino-Italian Cooperation on climate research: CMCC and NCC activities

WCRP World Climate Research Programme

SPARC 4th General Assembly

31 August - 5 September 2008

Bologna, Italy

Please visit this web site frequently for updates

Scientific Programme

Abstracts for oral and poster presentations are invited across all topics of relevance to the SPARC programme including:

- Stratosphere-Troposphere Dynamical Coupling
- Stratospheric Variability and Climate Change
- Extra-tropical Upper Troposphere/Lower Stratosphere
- Detection, Attribution and Prediction of Stratospheric Change
- Tropical Tropopause Layer
- Atmospheric Chemistry and Climate
- Stratospheric data assimilation
- Gravity-wave processes and their parameterization
- Stratospheric and upper tropospheric water vapour

English is the official language of the conference

Calendar

Abstract Deadline	**15 April 2008**

Financial Support Request Deadline	**31 March 2008**

Notification of Financial Support	**15 May 2008**

Early Bird Registration Deadline	**15 June 2008**

Standard Registration Deadline	**31 July 2008**

Financial support:	There are no reduced rates for registration. Students, young scientists, and scientist from developing or transitional countries are encouraged to apply for financial support to the SPARC Office. To qualify for financial support, the applicant must first submit the abstract of a paper, of which he/she is the principal author. The SPARC Office will do its best to accommodate requests for financial support. Application for financial support is now closed.
Oral and Poster Programme:	The scientific programme will include invited talks, contributed talks and poster sessions. The majority of presentations will be as posters. Poster sessions have been allocated a large fraction of time and have been carefully timetabled to maximize their effectiveness. The General Assembly will open Sunday 31st August 2008 at 14:00 with an Opening Lecture followed by a session on cross-cutting issues. Opening Lecture: Susan Solomon. '*From Assessment to Research and Back: An Overview of Key Issues in the Stratosphere and UTLS*' Other invited speakers at the General Assembly will be: Thomas Birner, John Burrows, Eugene Cordero, Leo Donner, Stephan Fueglistaler, Masatamo Fujiwara, Nathan Gillett, Michaela Hegglin, Thomas Koop, Paul Kushner, Mark Lawrence, Ulrike Lohmann, Dan Murphy, Paul Newman, Tim Palmer, Saroja Polavarapu, Cora Randall, Markus Rex, Kauro Sato, Kengo Sudo, Dave Thompson, Darryn Waugh. **Please download the General Assembly Programme here.** Note that the Programme will be updated regularly. Please check the above link till the FINAL version will appear.
Abstract Submission:	Participants who wish to give a presentation (oral or poster) must submit an abstract. Abstracts should be short (max 4000 characters), clear, concise and written in English (plain text). Figures, tables, special symbols and references cannot be included. Please carefully check your abstract, including list of

	authors and presenter affiliation and email address, before submission. The submission of an abstract carries with it the obligation that it is actually presented at the meeting by the author or by one of the co-authors. Abstracts must be submitted by the deadline and only by following the link above. Abstracts cannot be submitted by email or fax. Abstract submission is closed.
Guidelines for oral and poster presentations:	Oral presentations: Projection only. Please prepare your presentation compliant with windows OS. No transparencies. No personal computers. Participants with oral presentations will be informed by email of the possibility to upload they presentations few days before the General Assembly. Poster presentation: Size of poster board: 90 cm x 120 cm (width x length).
Social Events:	▸ 31 August 2008 - Refreshment ▸ 3 September 2008 - General Assembly Dinner
Registration:	<table><tr><td></td><td>Early Bird</td><td>Standard</td><td>Late and On Site</td></tr><tr><td>Deadline</td><td>15 June 2008</td><td>31 July 2008</td><td></td></tr><tr><td>Registration Fee</td><td>450 EURO</td><td>550 EURO</td><td>650 EURO</td></tr></table> Registration fees include attendance to the General Assembly, refreshments, coffee breaks, lunches, the General Assembly Dinner, and daily shuttle transportation from selected fixed locations to the CNR Conference Centre. Participants registering for the entire SPARC 4th General Assembly can register at the IGAC 10th International Conference at reduced rates for the first 2 days (8-9 September 2008) of the IGAC 10th International Conference. Please apply at the IGAC web page and note that there are a limited number of reduced registrations available. Please note that this agreement is reciprocal with IGAC (see below). The possibility to offer a daily registration fee will be evaluated and if so, opened after 31 May 2008. Registration fee for Accompanying Person: 60 Euro. The registration fee gives access to the General Assembly Dinner. The accompanying persons will not have access to the conference center. Registration Procedure

To register, please use the COSIS online registration and complete your contact information there. Reminder - this is how your name will appear on your name badge.

All participants must register. Each person must register separately.

If you do not possess a COSIS-ID, you may log into the COSIS system free of charge. If you have registered with COSIS in the past (e.g. previous conferences), you have a COSIS-ID number. If you forgot your number, please use the 'Lost your login data?' link on the login page. Have your COSIS-ID number and your password ready and enter the registration page.

Please register with the COSIS online registration tool here.

Payment

Payment accepted during online registration is by a secure credit card process (American Express, Eurocard/Mastercard, VISA oder JCB) or by bank transfer. After your online registration is completed, COSIS will send you an invoice, attached as pdf file to an email, and a receipt after your payment is effected.

Conditions

- Registration must be accompanied by a payment, otherwise it will not be processed and the 'Late Registration Fee' will be taken as a basis.
- Registration fees are not transferable.
- Registration fees will only be refunded if a cancellation in writing via email is received by the Copernicus Meetings before 10 July 2008. The cancellation fee is 70 EUROS.
- Cancellations after that date and no-shows are not eligible for a refund.

IGAC 10th International Conference Participants:

Participants registering for the entire the IGAC 10th International Conference can register at the SPARC 4th General Assembly at reduced rates for the last 2 days (4-5 September 2008) of the SPARC 4th General Assembly. Please note that this agreement is reciprocal with IGAC.

	Special rate for IGAC registrants * (4-5 September 2008)	Standard rate for IGAC registrants (4-5 September 2008)
Deadline	15 June 2008	15 June 2008
Registration Fee	75 EURO (both days)	100 EURO /day

* This reduced fee covering both days will be available for 40 participants only. Otherwise, attendance by SPARC registrants will be charged at the rate of 100 Euros per day. Please note that there are a limited number of reduced registrations available.

	Please register by email to the SPARC Office (sparc@atmosp.physics.utoronto.ca), specifying your name, affiliation and email address. You will be informed by email by the SPARC Office on how to pay. Use SPARC/IGAC in your email subject. Payment and Conditions as for normal registrants.
General Assembly Location:	The SPARC 4th General Assembly will be held in the Main Conference Hall of the CNR Conference Center located in Via Gobetti, 101 40129 Bologna, Italy. **Please find a description on how to reach the CNR Center and the SPARC shuttle stops here (interactive map and GA locator).** **Please download the time table of the SPARC shuttle here** The CNR Conference Center is located just outside Bologna city center, within the main ring of the outer Bologna. The CNR Conference Center can be reached by public transportation (bus 87 and 11). How to reach Bologna: Air: Large regional airport, connected to the major European inter continental hubs. For information click here. Train: Major node within the national and European networks. Downtown train station. For information click here. Car: Major node within the national and European networks.
Accommodation / Tourism	**Find information on Accommodation and Tourism in Bologna here.** Block booking: Block booking for the SPARC General Assembly participants is available at the hotels listed below. Please follow the given instructions. Housing deadline, prices and details are different for each hotel (see the form for each hotel). Reservations are available on a first-come, first-serve basis. It is recommended that you make your hotel reservation as soon as possible. All block booked hotels are close to pick up stops of public and our daily shuttle transportation to the CNR Conference Center. Details on the daily shuttles will be included in the GA program. Please remember to specify "SPARC-GA" in your contact with the hotel of your choice. **Jolly Hotel De La Gare** Email: reservation.bologna@nh-hotels.com Fax: +39-051-249764. Please fill in and email (subject: SPARC-GA) or fax directly to the hotel the form available here. Offer valid from 30 August to 6 September 2008. **BLOCK BOOKING DEADLINE: 24 JULY 2008.** **Royal Hotel Carlton** Email: carlton@monrifhotels.it

	Fax : +39-051-249724 Please fill in and email (subject: SPARC-GA) or fax directly to the hotel the form available here. Offer valid from 30 August to 5 September 2008. **BLOCK BOOKING DEADLINE: 30 JULY 2008** **StarHotel Excelsior** Email: reservations.excelsior.bo@starhotels.it Fax: +39-051-249448 Please fill in and email (subject: SPARC-GA) or fax directly to the hotel the form available here. Offer valid from 30 August to 6 September 2008. **BLOCK BOOKING DEADLINE: 22 AUGUST 2008** **Hotel Mercure Bologna** Email: H1310-RE@ACCOR.COM Fax : +39-051-249421 Please fill in and email (subject: SPARC-GA) or fax directly to the hotel the form available here. Offer valid from 30 August to 6 September 2008. **BLOCK BOOKING DEADLINE: 11 AUGUST 2008.** **Savhotel** E-mail: info@savhotel.it Fax: +39-051-373511 Please fill in and email (subject: SPARC-GA) or fax directly to the hotel the form available here. Offer valid from 29 August to 6 September 2008. **BLOCK BOOKING DEADLINE: 11 AUGUST 2008.** Accomodation for students: Students need to make their own reservation. Please indicate SPARC-GA in your contact. Note that rooms for students are not block-booked: It is recommended that you make your reservation as soon as possible. Rooms are available at Camplus Foresterie: San Giovanni in Monte Please contact: sangiovannimonte@camplusforesterie.it Fax +39 051 276777 Castellaccio Please contact: castellaccio@camplusforesterie.it Fax +39 051 526 100 A small number of apartments for students (sharing possible) are also available at Camplus Foresterie. For the apartments please contact: info@camplusforesterie.it
Practical Information:	On arrival in Italy, a valid national passport or other equivalent official document that satisfactorily establishes your identity and nationality must be show. In addition, a visa may be

	needed to be acquired before traveling to Italy. To find out whether or not a visa is required in your case, please visit the Italian visa website.
Contacts:	**Local Organizing Committee** E. Manzini (manzini@bo.ingv.it) C. Cagnazzo, S. Corti, F. Fierli, E. Palazzi, M. Pantano **Scientific Organizing Committee Co-Chairs** P. Haynes (phh@damtp.cam.ac.uk) T. Peter (thomas.peter@env.ethz.ch) **SPARC Office Web Site**
Cosponsor:	

Ricerca...