

--- *FIRST CIRCULAR* --- *FIRST CIRCULAR* --- *FIRST CIRCULAR* ---

Dear Colleague:

On behalf of the Scientific Organizing Committee we would like to invite you to participate in the international conference:

SUPERNOVA 1987A: 20 YEARS AFTER

Supernovae and Gamma-Ray Bursters

to be held in:

Aspen, Colorado, from February 19-23, 2007

Please return the reply form at the bottom by the end of July 2006 to ensure that you will receive subsequent circulars about the meeting.

OVERVIEW:

The discovery of supernova (SN) 1987A in the Large Magellanic Cloud, on 23 February 1987, has led to the rise of an essentially new branch of astronomy and astrophysics which is solely devoted to its study. As the closest SN over the past ~400 years, SN 1987A has led to approx. 2,000 refereed publications and dozens of press releases which have sparked the interest and imagination of both astronomers and the general public. The date of this international conference has been chosen to coincide with the 20th anniversary of the discovery of SN 1987A.

During this international meeting, all aspects of the broad SN 1987A research topics will be covered: theoretical models on the nucleosynthesis and explosion mechanisms, progenitor stars, pulsar and SNR formation, interaction with the circumstellar medium, particle acceleration mechanisms, etc. All observed wavelength regimes will be discussed, including radio, IR, optical, UV, X-ray, and gamma-ray studies, as well as non-photon emission such as neutrinos and gravitational waves. The conference will

further include other SNe of all types, SN cosmology and Gamma-Ray Bursters (GRBs), with emphasis on SN/GRB connections.

LOCATION:

The conference will be held in Aspen, Colorado, USA. The medium-sized meeting, the intimate feel of the facility (such as a common lunch and dining area), and the ample time during coffee/tea breaks will give this meeting a productive workshop character providing the basis for effective discussions and collaborations. Since Aspen is a premier winter sports resort, we will give participants the opportunity to ski during extended afternoon breaks. Discount afternoon lift tickets will be available.

VENUE:

We have secured the Aspen Center of Physics as the venue of the meeting and have made bulk reservations for 40 rooms with single or double occupancy at "The Inn in Aspen" for a rate of \$239/person/night which includes breakfast and shuttle bus service to/from the conference venue. Rooms with one king or two queen sized beds are available and can be shared to save costs. The Inn honors the same rate in case you would like to extend your visit over the weekend to go skiing.

FEES AND PROCEEDINGS:

The registration fee, which includes one paper copy of the proceedings, is US\$ 300. Talks and poster contributions accepted by the scientific organizing committee will be published in printed proceedings. The conference facilities limit the number of participants to 80, so early expression of interest and registration is encouraged.

SCIENTIFIC ORGANIZING COMMITTEE (SOC):

- S. Blinnikov (ITEP, Russia)
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ORGANIZERS:

R. McCray (U Colorado),
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REPLY FORM:

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E-mail:

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Keep me on the e-mailing list: Yes ... No ...

I will attend the conference: Yes ... No ... Maybe ...

Number of accompanying persons: ...

I would like to contribute a: Talk ... Poster ...

Yes ... No ... Maybe ...

Title of contribution:

Authors:

.....

Please return this form by 30 June 2006:

per email: supernova1987a@milkyway.gsfc.nasa.gov

per FAX: +1-301-286-1684 c/o Immler

Please circulate this announcement among your colleagues.
A second circular with more details will be sent out soon.

We hope to see you in Aspen!

Regards,

Richard McCray (U of Colorado),
Kurt Weiler (NRL) and
Stefan Immler (NASA/GSFC)
on behalf of the Scientific Organizing Committee

email: supernova1987a@milkyway.gsfc.nasa.gov

web: <http://universe.gsfc.nasa.gov/supernova1987a/>