

Dear colleague,

The Symposium from the International Astronomical Union **IAUS 331:**
"SN 1987A, 30 years later – Cosmic Rays and Nuclei from Supernovae and their aftermaths"

Where ? *Le Village de Corail Holiday Resort, St-Gilles-Les-Bains, La Réunion Island (Indian Ocean), France*

When ? *February 20-24, 2017*

aims at making the link between the stellar progenitors and the multi-wavelength/multi-messenger manifestation of core-collapse (cc-)Supernovae (SNe) and their remnants (SNRs) in terms of extreme sources of high-energy particles and nuclei, at the occasion of the 30th anniversary of the unique event SN 1987A. Through an interdisciplinary approach, the Symposium will span a broad spectrum of interconnected, topics within this rapidly evolving research field of cc-SNe and SNRs.

We invite contributions on the following topics:

- Latest evolutionary stages of massive stars as cc-SN progenitors
- cc-SNe as stellar explosive outcomes
- cc-SN explosion mechanisms
- cc-SN remnants and impacts
- Particle acceleration & Origin of cosmic rays
- SN 1987A, 30 years later
- Non-thermal multi-wavelength/multi-messenger data on SNe and SNRs

Confirmed invited speakers are:

Poonam Chandra (<i>NCRA-TIFR, India</i>)	You-Hua Chu (<i>ASIAA, Taiwan</i>)
Anne Decourchelle (<i>CEA/SAP, France</i>)	Fiorenza Donato (<i>Univ. Torino, Italy</i>)
Claes Fransson (<i>OKC, Sweden</i>)	Christopher L. Fryer (<i>LANL, USA</i>)
Brian Grefenstette (<i>SRL, Caltech, USA</i>)	Alexander Heger (<i>MoCA, Monash Univ., Australia</i>)
Raphaël Hirschi (<i>Keele Univ., UK</i>)	Robert P. Kirshner (<i>CfA Harvard, USA</i>)
Kei Kotake (<i>Fukuoka Univ., Japan</i>)	Shiu-Hang Lee (<i>ISAS/JAXA, Japan</i>)
Julie McEnery (<i>NASA/GSFC, USA</i>)	Giovanni Morlino (<i>INFN/Gran Sasso Science Institute, Italy</i>)
Salvatore Orlando (<i>INAF/OAPa, Italy</i>)	Georg Raffelt (<i>MPP, Germany</i>)
Irene Tamborra (<i>NBIA, Denmark</i>)	Stefano Valenti (<i>UC Davis, USA</i>)
Giovanna Zanardo (<i>ICRAR, Australia</i>)	

Request for IAU Financial Support is still open until **October, 31st 2016 (Extended deadline)**. These grants are meant to support young scientists (PhD, post-doc) and researchers from economically less privileged countries.

Deadline for Early Registration (250 EUR) and Abstract Submission is set to **November, 10th 2016**. Late Registration (300 EUR) is possible until **December, 20th 2016**. Note that pre-booked rooms at Le Village de Corail will be released by **November, 20th 2016**.

For more information, please visit the website at the following URL: <https://iaus331.lupm.in2p3.fr>

Interested in attending the meeting ? Just let us know by using the dedicated Contact form on the above website. If you have any question concerning the Symposium, please contact us at iaus331@lupm.univ-montp2.fr.

Looking forward to welcoming you in La Reunion Island!

The IAUS 331 SOC: Elena Amato, Aya Bamba, Andrei Bykov (co-Chair), Roger Chevalier, Roland Diehl, Gloria Dubner (co-Chair), Fiona Harrison, Hans-Thomas Janka, Marianne Lemoine-Goumard, Alexandre Marcowith (co-Chair), Georges Meynet, Alak Ray (co-Chair), Matthieu Renaud, Samar Safi-Harb, Stephen Smartt, and Patricia Whitelock