



HONEST

HOT TOPICS IN HIGH ENERGY ASTROPHYSICS

2^{PeV}atrons and their environments

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2nd HONEST Workshop: PeVatrons
and their environments, 29/11/22



INSTITUTO DE
ASTROFÍSICA DE
ANDALUCÍA



CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



EXCELENCIA
SEVERO
OCHOA

Welcome

- To the second edition of the HONEST workshop!
 - * The idea to discuss Hot Topics in High Energy astrophysics on a dedicated online workshop had a warm welcome from the community
 - * First edition on Gamma-ray halos around pulsars
 - * <https://agenda.infn.it/e/GammaHalos>
- This edition: PeVatrons and their environments
 - * More than 230 registered participants
 - * Several time zones
 - Apologies to all which one some of the talks fall in the middle of the night**
- Connection details: You should have received them via e-mail, otherwise contact:
 - * Julia Eckert - julia.eckert@desy.de

Zoom Protocol

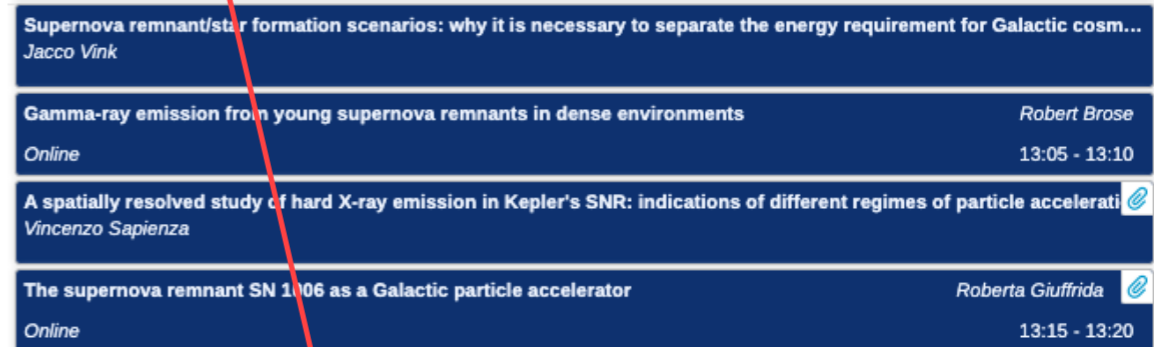
- Please mute your mic when you are not speaking
 - * Hosts will have to mute you otherwise
- Questions at the end of each talk - moderated by the chairs
 - * Raise your hand and if possible switch on your video
- Technical support provided by .HONEST Name

Invited Talks


- Overview talks invited by the SOC to present the state-of-the-art on the topic.
 - * Duration: 30' (25' + 5') or 20' (15' + 5')
 - * **Speakers: Please upload your talks in advance**
- Schedule of sessions:
 - * Tuesday, Nov. 29th 09:00 - 13:00 CET
 - * Wednesday, Nov. 30th 15:00 - 19:00 CET
 - * Thursday, Dec. 1st 09:00 - 13:00 CET
- Time for discussion at the end of each day
- Recording
 - * We will be recording the sessions, but we will not upload the recordings unless we get explicit permission - Questions / Discussion won't be recorded.
 - * If you do not want to be recorded, just let us know.

Contributed presentations

- Submitted contributions are allocated at the end of the sessions
 - * Short pre-recordings will be shown during coffee breaks
 - * A breakout room per contribution will be available (the 5' in the timetable is used only to list the contributions in the indico).
 - * Additionally, a “Coffee Break” Breakout room will be available for further discussions.
- You can meet the speakers in the breakout rooms
 - * Please update your Zoom to >v5.8.0
 - * Schedule:
 - * Dec. 1st 13:00 - 14:00 CET
 - * Dec. 2nd 19:00 - 20:00 CET



Supernova remnant/star formation scenarios: why it is necessary to separate the energy requirement for Galactic cosm...	Jacco Vink
Gamma-ray emission from young supernova remnants in dense environments	Robert Brose
Online	13:05 - 13:10
A spatially resolved study of hard X-ray emission in Kepler's SNR: indications of different regimes of particle accelerati	Vincenzo Sapienza
The supernova remnant SN 1006 as a Galactic particle accelerator	Roberta Giuffrida
Online	13:15 - 13:20



Mute Stop Video Participants Chat Share Screen Record Breakout Rooms Reactions Leave

Thanks to SOC, LOC and Sponsors

- SOC

- * Felix Aharonian
- * Elena Amato
- * Tony Bell
- * David Berge
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