

# 1st Workshop on Gamma-ray Halos around Pulsars

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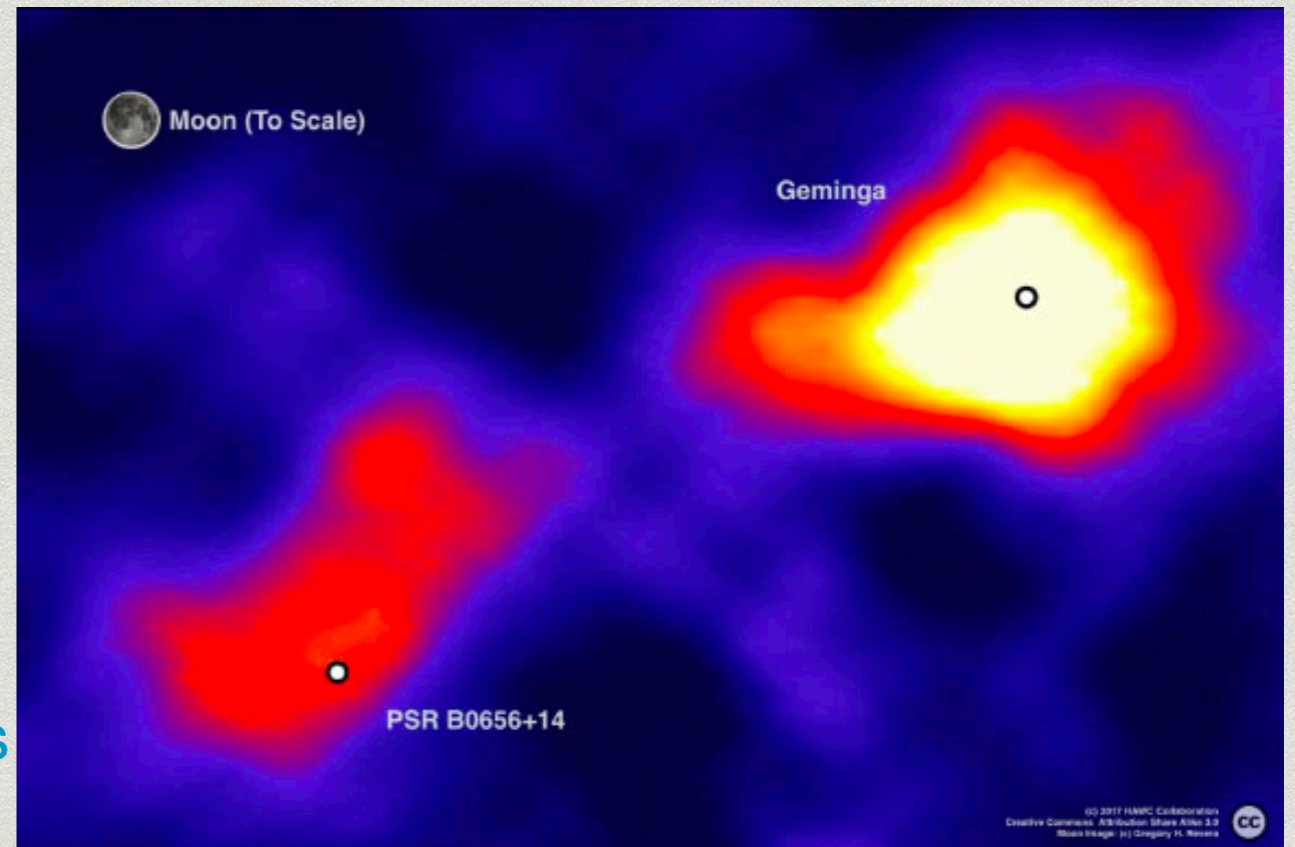
Dipartimento  
di Fisica  
e Astronomia  
Galileo Galilei



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# Welcome

- A workshop due for some time:
  - \* Warm welcome from the community
  - \* More than 170 participants
  - \* Several time zones -> apologies to all which one some of the talks fall in the middle of the night



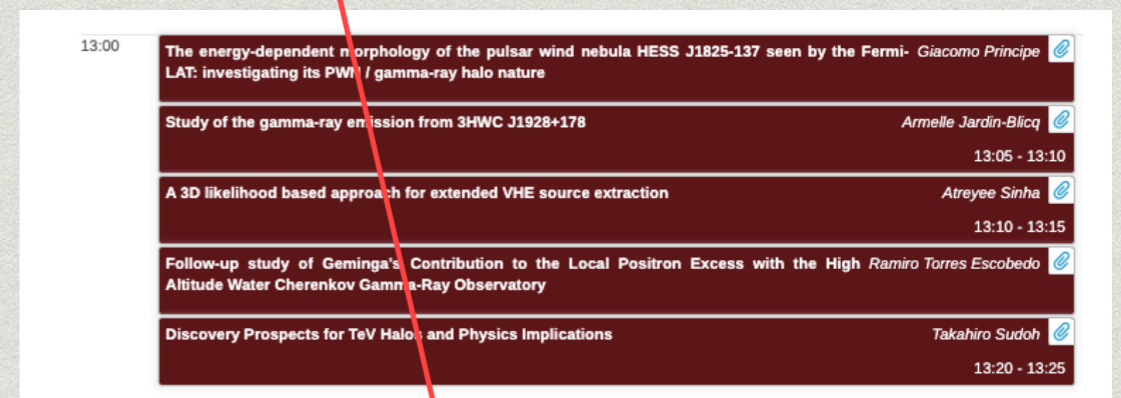
- Connection details: You should have received them via e-mail, otherwise contact:
  - \* Maria Isabel Bernardos Martin - [mariaisabel.bernardos@pd.infn.it](mailto:mariaisabel.bernardos@pd.infn.it)
  - \* Alessia Spolon - [aspolon@pd.infn.it](mailto:aspolon@pd.infn.it)

# Invited Talks

- Overview talks invited by the SOC to present the latest results and proposals for the explanation of these kind of sources
  - \* Duration: 30' (25' + 5') or 20' (15' + 5')
  - \* + Introduction and Summary/Rapporteur talks
- Schedule of main sessions:
  - \* Dec. 1st 09:00 - 12:35 CET
  - \* Dec. 2nd 15:00 - 18:30 CET
  - \* Dec. 3rd 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.
  - \* If you do not want to be recorded, just let us know.

# Contributed posters

- 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 is available for further discussions.
- You can meet the speakers in the breakout rooms
  - \* Please update your Zoom to >v5.4
  - \* Schedule:
    - \* Dec. 1st 13:00 - 14:00 CET
    - \* Dec. 2nd 19:00 - 20:00 CET
- Dec. 3rd at 10:30 there will be lightning (1-min) presentations by the submitters



| Time  | Topic   | Speaker                | Duration      |
|-------|---|------------------------|---------------|
| 13:00 | The energy-dependent morphology of the pulsar wind nebula HESS J1825-137 seen by the Fermi-LAT: investigating its PWN / gamma-ray halo nature | Giacomo Principe       |               |
|       | Study of the gamma-ray emission from 3HWC J1928+178   | Armelle Jardin-Blicq   | 13:05 - 13:10 |
|       | A 3D likelihood based approach for extended VHE source extraction   | Atrejee Sinha          | 13:10 - 13:15 |
|       | Follow-up study of Geminga's Contribution to the Local Positron Excess with the High Altitude Water Cherenkov Gamma-Ray Observatory           | Ramiro Torres Escobedo |               |
|       | Discovery Prospects for TeV Halo and Physics Implications   | Takahiro Sudoh         | 13:20 - 13:25 |

Mute Stop Video Participants 3 Chat Share Screen Record Breakout Rooms Reactions Leave

# Thanks to SOC, LOC and Sponsors

- SOC

- \* Rubén López-Coto
- \* Emma de Oña Wilhelmi
- \* Felix Aharonian
- \* Elena Amato
- \* Jim Hinton
- \* Alison Mitchel
- \* Stefano Profumo
- \* Diego Torres
- \* Hao Zhou
- \* Roberta Zanin

- LOC

- \* Maria Isabel Bernardos Martin
- \* Alessia Spolon
- \* Alessandro De Angelis



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Rubén López-Coto - 01/12/20