



SEXTEN CENTER
FOR ASTROPHYSICS
RICCARDO GIACCONI



Advances in Modeling High-Energy Astrophysical Sources: Insights from recent multimessenger discoveries

30.06.2025 - 04.07.2025

Sexten – Dolomites Italy



Hands-on the Extreme Universe with High Energy Gamma-ray data

18.07.2022 - 22.07.2022

Sexten – Dolomites Italy



Gamma Ray Astrophysics with CTA

Summer School
July, 24 – 28, 2017
Sexten – Dolomites Italy



Multimessenger Data Analysis in the era of CTA

24.06.2019 - 28.06.2019

Sexten – Dolomites Italy



Towards the Cherenkov Telescope Array and Future Gamma-ray Experiments

Summer School
July, 27 – 31, 2015
Sexten – Dolomites Italy



- A beautiful location !





- Scientific program! (30 min talks – 23+7)
 - Gamma-ray observations from the sky and the ground
 - Fermi, IACTs, CTAO, EAS, ASTRI
 - Gamma-ray source modeling
 - GRB, AGN, Galactic Sources
 - Multimessenger observations and modeling
 - Cosmic Rays, Gravitational Waves, Neutrinos
 - Search for Dark Matter
 - Multiwavelength connections
 - SVOM, IXPE, newAstrogam



- Hands On (1hr)
 - High Level Gamma-ray Analysis
 - Gammapy
 - How to compare data and models?
 - Science communication
 - Academic presentations
 - How to write a research grant?
 - Science and Society: why communicate scientific research
 - Astroparticle physics Science communication



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- Contributed talks (15 min, 10+5)
 - Different Science topics
 - GRB, AGN, Galactic Sources (+), Technical talks



- Abstract booklet





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- Indico page (will be populated with talks) ...





- Social activities
 - Tyrolean music ..
 - *With grappa and sangria ...*
 - Tuesday night!
 - Summer sky observations
 - Wednesday night!

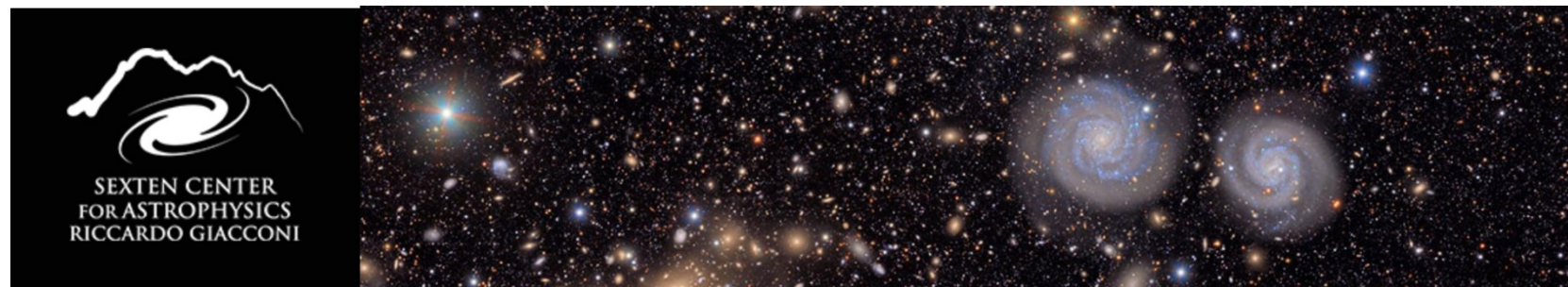


- Please connect to the network **only one** device at each time ...
- Hybrid connection available for missing speakers
 - Please **disconnect your devices** during online talks



- I miss you all!





- Thanks to Betta and Giacomo!



- Thanks to the LOC .. And the Sexten Center ...