

Speakers & Talks at Yerevan2019:

1. F. Aharonian: High Energy Astrophysics with Black Holes
2. A. Avetissian: The Origin of VHE and UHE Gamma-Rays in Non-Inflationary Cosmology
3. V. Baghmanyantsev: Extragalactic science with the HAWC gamma-ray observatory
4. M. Barkov: Different aspects of the interaction of stars with AGN jets
5. V. Beskin: Deceleration of Relativistic Jets in AGN (Photon Drag and Mass-loading)
6. G. Bisnovatyi-Kogan: Magnetically arrested disk around a black hole
7. S. Bogovalov: Cold Disk Accretion and Jet Power in AGN
8. P. Bordas: Gamma-ray emission from SS433/W50
9. V. Bosch-Ramon: AGN jets in the early Universe
10. S. Casanova: Multi-TeV gamma-rays from SS433
11. S. Celli: Propagation and radiation of accelerated particles in clumpy supernova remnants
12. P. Coppi: The Origin of extreme VHE Variability in AGN
13. L. Costamante: On the origin of gamma-rays in blazars
14. R. Crocker: High energy and non-thermal emission from the Milky Way's Galactic Centre: AGN or star-formation driven?"
15. E. Derishev: Extreme regimes of synchrotron radiation and their application to modelling blazar spectra
16. de Gouveia dal Pino: Magnetic Reconnection and Black Holes
17. L. Drury: The Origin of Galactic Cosmic Rays
18. C. Fendt: Disk Structure and Jet Formation in AGN
19. S. Gillessen: The Black Hole in the Galactic Center
20. S. Gillessen: The Supermassive Black Hole at the heart of the Galaxy (Closing Session)
21. P. Giommi: Open Universe for blazars
22. G. Katsoulakos: Magnetospheric Gamma-Ray Emission from Radio Galaxies
23. D. Khangulyan: On the very fast variability of gamma-ray emission from AGN
24. A. Lazarian: High Energy processes related to Turbulent Reconnection
25. M. Lemoine: Cosmic Rays and Relativistic Jets

26. A. Levinson: Non-thermal Magnetospheric Processes in AGN
27. M. Malkov: Observational Probe of CR Acceleration Mechanisms: Some Challenges and Possible Resolutions
28. A. Mastichiadis: Hadronic Emission in AGN
29. R. Mirzoyan: Observational Aspects of Some Selected AGN Measured by IACTs
30. Z. Osmanov: Rotational Particle Acceleration in the Magnetospheres of Black Holes
31. J.M. Paredes: Non-thermal emission from stellar mass black holes
32. P. Padovani: Neutrinos from a blazar jet
33. G. Peron: Giant Molecular Clouds as probes of Galactic Cosmic Rays with Fermi-LAT
34. V. Petrosian: Jet-Disk relation of supermassive black holes based on their gamma ray-radio-optical luminosity relations and relative cosmological evolutions
35. A. Reimer: The neutrino emission region in photohadronic models of blazar jets
36. F. Rieger: Particle acceleration in shear flows
37. C. Romoli: The complex spectral and temporal behaviour of Markarian 501
38. R. Schlickeiser: Plasma fluctuations in the early unmagnetized intergalactic medium
39. A. Taylor: AGN as cosmic ray sources.
40. S. Wagner: The sizes of emission regions in Blazars
41. S. Wagner: Proof of the Existence of a SMHB in M87 (closing session)
42. X-Y. Wang: Cosmic-rays and gamma-rays from starburst galaxies with and without AGNs
43. R-Z. Yang: Young star clusters as alternative sources of Galactic Cosmic Rays
44. R. Zanin: Cygnus X-1: gamma-ray emission from the prototype BH micro quasar
45. D. Zargaryan: The study of HE gamma-ray variability of Fermi-LAT detected misaligned AGNs