

7th Heidelberg International Symposium on High-Energy Gamma-Ray Astronomy

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Type: **Review, Highlight, or Invited talk**

Theory of Gamma-Ray loud AGN

Monday, 4 July 2022 09:30 (45 minutes)

The last decade has seen tremendous developments in gamma-ray astronomy with the extragalactic sky becoming highly populated by AGN.

I will highlight some of the progress in AGN research achieved over the years, and then discuss exemplary advances in the theory of gamma-ray loud AGN, including black-hole magnetospheric processes, the physics of pc-scales jets, as well as particle acceleration and high-energy emission in the large-scale jets of AGN.

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Session Classification: Review Talks