

The 2nd PANDA Symposium on Multimessenger Astronomy - Jets and Shocks in the Universe

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Acceleration of particles in AGN

Tuesday, 23 April 2013 11:00 (40 minutes)

Active Galactic Nuclei are the prime candidate for the acceleration of ultra-high energy cosmic rays. Their nonthermal electromagnetic spectrum reveals a population of strongly accelerated particles inside their radiation regions. This lecture will cover the possible acceleration mechanisms of particles causing this nonthermal radiation and it will deal with the question how the content of nonthermal particles can be deduced from the electromagnetic spectrum.

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