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## **Fabrizio Tavecchio: High-energy emission and particle acceleration in local radio-loud AGNs**

*Thursday, 2 March 2023 12:00 (20 minutes)*

High-energy emission from local blazars and radio galaxies is usually explained in terms of particles accelerated at shocks in the relativistic jet. However, in recent years numerical simulations and theoretical studies enlarged the space of possible mechanisms at work. In particular, I will review recent developments on shear acceleration and jet recollimation processes and the potential applications to radio galaxies and extreme blazars.