



# Half a Century of Blazars and Beyond

## giovedì 14 giugno 2018

### The (Enrico) Fermi connection: particle acceleration, simulations, and theory - Aula Darwin (08:45 - 10:30)

time	[id] title	presenter
08:45	[147] Dissipation and Particle Acceleration in Blazar Jets (Review)	BEGELMAN, Mitch
09:20	[148] Extragalactic Jet Dynamics after Half a Century of MHD modelling. Where are we? (Invited)	MIGNONE, Andrea
09:50	[149] Reconnection and Associated Flares in Global Relativistic Jets Containing Helical Magnetic Fields with PIC Simulations	NISHIKAWA, Kenichi
10:10	[151] Total and linearly polarized synchrotron emission from overpressured magnetized relativistic jets	FUENTES, Antonio

### The (Enrico) Fermi connection: particle acceleration, simulations, and theory - Aula Darwin (11:00 - 12:35)

time	[id] title	presenter
11:00	[152] Broadband Modeling of Blazar Spectra with a Turbulent Acceleration Model	ASANO, Katsuaki
11:20	[153] Signatures of stochastic acceleration in the spectral distributions of Synchro-Self-Compton sources: A self consistent modeling of TeV blazars' flare	TRAMACERE, Andrea
11:40	[154] Modelling blazar flaring using a time-dependent fluid jet emission model - an explanation for orphan flares and radio lags	POTTER, William
12:00	[122] An observationally driven approach to blazars (Review)	PADOVANI, Paolo