

Cosmic rays and diffuse gamma-ray emission

Wednesday, September 17, 2003

9:00 – 9:05	N. Gehrels	Opening and Welcome
9:05 – 9:30	G. Pühlhofer	Diffuse emission at TeV energies – Observations with the HEGRA telescopes
9:35 – 10:05	S. Hunter	What can we learn on the structure of the ISM with the LAT – Lessons from the EGRET data analysis
10:10 – 10:30	P. Ubertini	The Integral experiment – Early results and prospects for the study of diffuse emission
10:35 – 11:00		Coffee Break
11:00 – 11:20	V. Pavlidou	Diffuse gamma-ray emission from external galaxies
11:25 – 11:55	D. Maurin	Cosmic-ray propagation in the Galaxy
12:00 – 12:20	A. Strong	Cosmic-ray electron propagation in the Galaxy
12:25 – 14:00		Lunch Break
14:00 – 14:30	S. Reynolds	X-ray and gamma-ray observations of supernova remnants
14:35 – 15:05	D. Ellison	Cosmic-ray acceleration in supernova remnants
15:10 – 15:30	A. Bamba	High-resolution studies of X-ray filaments in supernova remnants
15:35 – 15:55	H. Schmitz	Electron preacceleration in supernova remnant shocks – Lessons from PIC simulations
16:00 – 16:20		Coffee Break
16:20 – 16:50	M. Tavani	The AGILE experiments – Prospects for the study of diffuse emission
16:55 – 17:15	F. Miniati	Cosmic-ray acceleration in clusters of galaxies
17:20 – 17:50	D. Fusco-Femiano	Non-thermal emission from clusters of galaxies
17:55 – 18:15	O. Reimer	Diffuse high-energy emission from clusters of galaxies – Results from observations with EGRET
18:20		Adjourn