

Cosmic rays and diffuse gamma-ray emission

Wednesday, September 17, 2003

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| 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 |