

TeV Particle Astrophysics III,

Istituto Veneto, Venice, Italy

27-31 August 2007

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TOPICS

- **New Physics at LHC**
 - TeV Particle Physics
 - Connections with Cosmology
- **TeV Gamma-ray Astrophysics**
 - Theoretical aspects
 - Ground-Based Experiments (*ARGO-YBJ*, *CANGAROO*, *HESS*, *MAGIC*, *Milagro*, *STACEE*, *TACTIC*, *Tibet*, *VERITAS*): latest results and future plans
 - γ -Ray Large Area Telescope *GLAST*
- **Direct and Indirect Dark Matter Searches**
 - Update on direct searches
 - New strategies of indirect detection
 - First *PAMELA* results
- **Neutrino Telescopes**
 - *Amanda*, *Antares*, *Baikal*, *IceCube*, *Nemo*, *Nestor*, *KM3NeT*
- **Ultra-High Energy Cosmic Rays**
 - Latest *AUGER* results
 - Acceleration and propagation

<http://www.pd.infn.it/TeV/index.html>