TeV Particle Astrophysics

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Image courtesy of NASA

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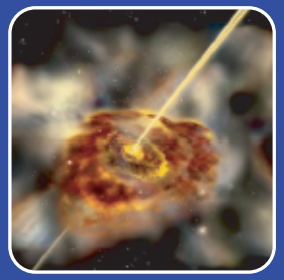

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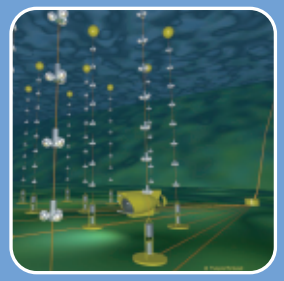

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TOPICS

TeV Gamma-Rays Experiments

Air Cherenkov Telescopes
HESS, CANGAROO, VERITAS
Prospects for GLAST

Dark Matter Detection

Update on Indirect detection
Dark Matter Dynamics
Profiles and Substructures
Direct Detection

Astrophysics & Cosmology

TeV Gamma-ray sources(BHs, AGNs, SNRs)
The Galactic center
Gamma-Rays from Clusters
Gamma-Rays from Intergalactic Shocks

Dark Matter Theory

SUSY candidates
Extra-dimensions candidates
TeV Particle Physics
Accelerator searches

Neutrinos

Astrophysical Sources
High Energy Neutrino Experiments (Antares, Icecube)
Constraints on Ultra-High Energy Neutrinos

http://www-astro-theory.fnal.gov/Conferences/TeV/

Fermilab Fermi National Accelerator Laboratory / Office of Science / U.S. Department of Energy