



EINLADUNG  
zum  
VERA-SEMINAR  
von

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**Deciphering the gamma-ray sky using  
ground- and space-based high-energy telescopes**

The Fermi Gamma-Ray Space Telescope is an international satellite mission with a physics program spanning from gamma-ray astronomy to particle astrophysics. Fermi was launched in mid 2008, and is continuously performing science observations at GeV energies.

A variety of discoveries have been made during the first 18 months in orbit, e.g. finding radio-quiet pulsars as major constituents among the Galactic gamma-ray sources, and disproving an universal GEV excess in the diffuse emission spectrum.

Complementary in many aspects and operating at high GeV to TeV energies, the ground-based High Energy Stereoscopic System (H.E.S.S.) reveals even more extreme particle accelerators. With both techniques deployed, we have entered into a Golden Age for particle astrophysics using the photon messenger.

**Donnerstag, 25. März 2010, 16:30 Uhr**

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",  
1. Stock, Victor-Franz-Hess-Hörsaal**