

## GAMMA-RAY EMISSION OF NON-THERMAL ASTROPHYSICAL PLASMA

DIETER HORNS

University of Hamburg  
Germany

Compact astrophysical objects like neutron stars and black holes energize their environment to create a highly relativistic and magnetized plasma in the form of collimated and un-collimated outflows. These outflows are bright sources of gamma-ray emission that we can observe using ground based „gamma-ray telescopes“. With these observations we reveal the mechanisms for particle acceleration, the strength of the magnetic field, and the composition of the plasma.

FRIDAY,  
7.06.2024

2:00 PM

CFEL  
SEMINAR ROOMS I-III  
&  
ONLINE PRESENTATION  
CHECK HHPS.DE FOR  
FURTHER INFORMATION

