28th Texas Symposium on Relativistic Astrophysics



Contribution ID: 401 Type: Talk

GRS 1915+105 and its spectral variability from the keV to the MeV band

Wednesday 16 December 2015 15:22 (20 minutes)

The microquasar GRS 1915+105 features well known spectral states that were never extensively studied up to the MeV range, where key spectral diagnostics are expected. We present hard X-ray observations obtained in 15 Msec with Swift/BAT and INTEGRAL and spectra collected during different states up to 400 keV. These spectra can be successfully fitted by the EQPAIR model revealing continuous variations of the model parameters, including the inner radius of the accretion disc, along the sequence of spectral states.

Author: Dr NIKOLAJUK, Marek (University of Bialystok)

Co-authors: XU, Ming (Chinese Academy of Sciences (CN)); WALTER, Roland (University of Geneva)

Presenter: Dr NIKOLAJUK, Marek (University of Bialystok)

Session Classification: 14 - Disks and jets