

**Belgian Physical Society meeting
ULB, May 21st 2008**

Parallel session on Astrophysics

15:20-15:50 **Tom THEUNS** (Durham U. and UA)

The first stars and the nature of the dark matter

15:50-16:10 **André FUZFA** (FUNDP)

Toward the Missing Link between Dark Matter and Dark Energy

16:10-16:30 **Gianfranco GENTILE** (Universiteit Gent)

Dark matter vs. modified Newtonian dynamics

16:30-16:50 **Jean-Christophe LEYDER** (Ulg)

Challenges of high-energy observations : Eta Carinae as seen by the European gamma-ray observatory

16:50-17:10 **Anik DE GROOF** (KUL)

SWAP, a Belgian EUV imager onboard PROBA2

17:10-17:30 **Giovanni LAPENTA** (KUL)

On the Energy Transfer Properties of the Minkowski Space-Time and the origin of Cosmic Rays

17:30-17:50 **Rony KEPPENS** (KUL)

Simulating Relativistic Jets from Active Galactic Nuclei