

# HEPRO V



## HIGH-ENERGY PHENOMENA IN RELATIVISTIC OUTFLOWS V

### La Plata, Argentina

### October 5 - 8, 2015

#### Topics to be covered include:

- Gamma-Ray Production in Relativistic Outflows
- Multiwavelength Properties
- Past Activity of the Galactic Center Black Hole
- Pulsar Winds, Microquasars, AGNs, GRBs
- Accretion Disk Physics
- Formation and Propagation of Relativistic Jets
- Particle Acceleration and Transport

#### Invited speakers:

Zulema Abraham  
(IAG, Universidade de São Paulo, Brazil)

Jonathan Arons  
(UC, Berkeley, USA)

Maxim Barkov  
(RIKEN, Japan)

Tony Bell  
(University of Oxford, UK)

Fabio de Colle  
(UNAM, Mexico)

Dimitrios Giannios  
(Purdue University, USA)

Dmitry Khangulyan  
(JAXA, Japan)

Elena Pian  
(INAF-IASFBO, Italy)

Anatoly Spitkovsky  
(Princeton University, USA)

#### SOC

- F. Aharonian (DIAS, Ireland - MPIK, Germany)
- E. Amato (INAF - Osservatorio Astrofisico di Arcetri, Italy)
- M. Begelman (University of Colorado, USA)
- G.S. Bisnovatyi-Kogan (Space Research Institute, Russia)
- V. Bosch-Ramon (Universitat de Barcelona, Spain)
- K.S. Cheng (University of Hong-Kong, China)
- P. Coppi (Yale University, USA)
- D. Khangulyan (JAXA, Japan)

- S. Lizano (Centro de Radioastronomía y Astrofísica, UNAM, Mexico)
- Y. Lyubarsky (Ben-Gurion University, Israel)
- A. Marscher (Boston University, USA)
- P. Meszaros (Pennsylvania State University, USA)
- J.M. Paredes (Universitat de Barcelona, Spain)
- G.E. Romero (**chair**, IAR - FCAG, Argentina)
- Y. Uchiyama (Rikkyo University, Japan)

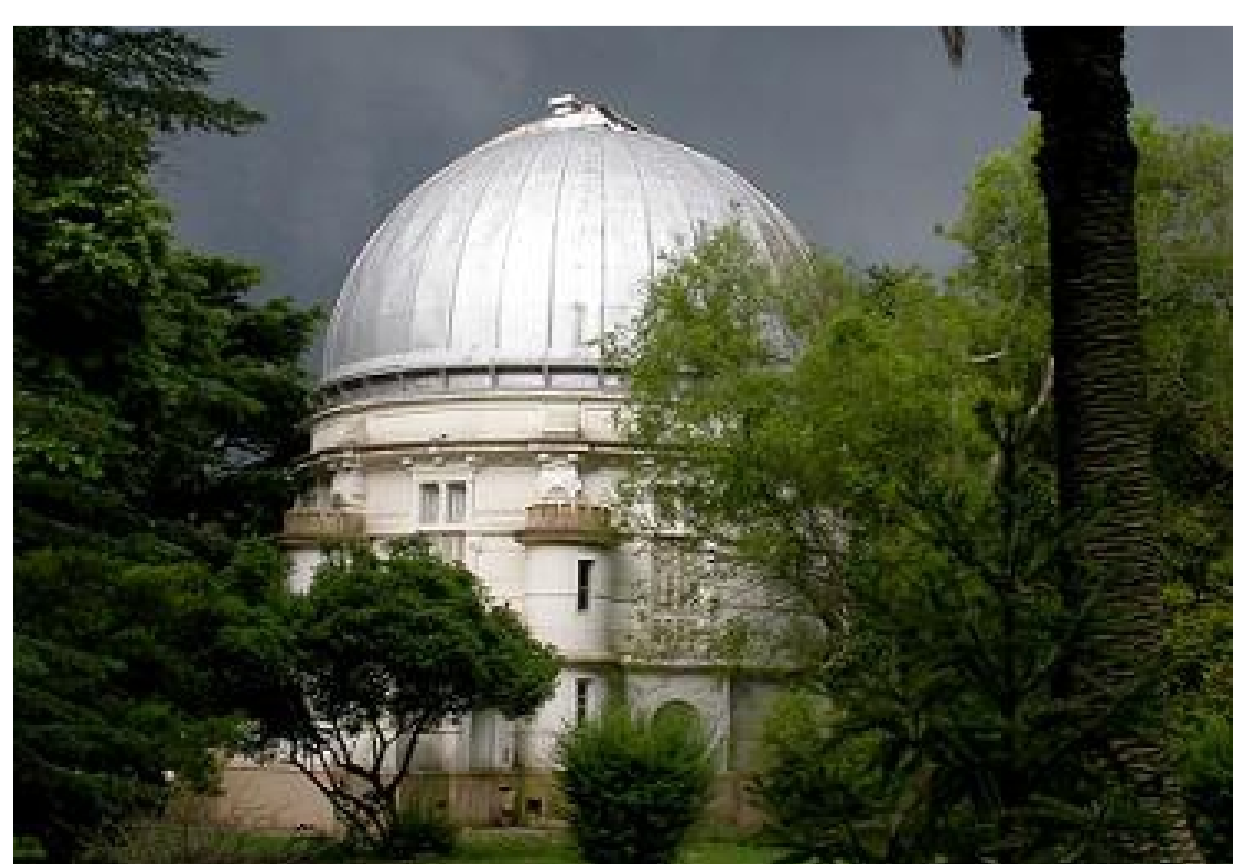
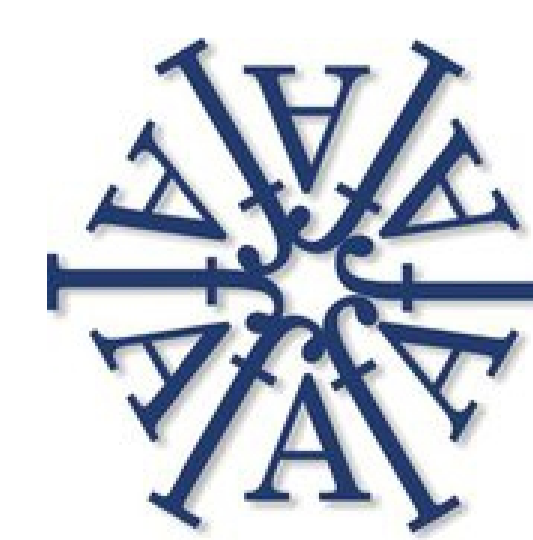
#### LOC

- Ileana Andruchow (IALP - FCAG)
- Ma. Victoria del Valle (IAR)
- Cintia S. Peri (IAR)
- Carolina Pepe (IAR)

- Gustavo E. Romero (**chair**, IAR - FCAG)
- Matías Tueros (IAR)
- Florencia L. Vieyro (IAR)
- Gabriela S. Vila (**co-chair**, IAR)

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