Observing the X- and Gamma-ray Sky

Cargèse April 3rd – April 14th 2006

Depending on the weather the session might restart 30 min earlier in the afternoon

Monday 3rd

Transfer Ajaccio-Cargèse

15h30-17h00: History of high energy astrophysics: J. Paul

17h05-18h35: Thermal and non-thermal radiation processes (1): M. Longair

18h40-19h25: X and Gamma ray instrumentation (1): P. von Ballmoos

Tuesday 4th

8h45-10h15: Thermal and non-thermal radiation processes (2): M. Longair

Coffee Break

10h45-12h15: Gamma-Ray Bursts (1): F. Daigne

Lunch Break

15h30-17h00: Particle acceleration(1): M. Baring

Coffee Break

17h15-18h00: Stellar coronae (1): M. Güdel

18h05-18h50: How to develop/build an entire mission: J. Paul

Welcome drink

Wednesday 5th
8h45-10h15: Accretion (1): **A. King**
   
   Coffee Break

10h45-12h15: Gamma-Ray Bursts (2): **F. Daigne**
   
   Lunch Break

15h30-17h00: Particle acceleration (1): **M. Baring**
   
   Coffee Break

17h15-18h00: X and Gamma-Ray instrumentation (2): **P. von Ballmoos**

18h05-18h50: First results from Suzaku: **T. Dotani**

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**Thursday 6th**

8h45-10h15: Accretion (2): **A. King**
   
   Coffee Break

10h45-12h15: Source population in other Galaxies: ULXs, IMBH and XRBs (1): **G. Fabbiano**
   
   Lunch Break

15h30-17h00: Clusters of galaxies (1): **M. Arnaud**
   
   Coffee Break

17h15-18h00: Stellar coronae (2): **M. Güdel**

18h05-18h20: Mission Talk INTEGRAL: **J. Malzac**

18h20-18h55: 2 attendee’s talk (10+2min each)
   - **Mathieu Servillat**: “Globular clusters NGC 2808 and M22 observed with XMM-Newton”
   - **Simona Soldi**: “Hard X-ray emission of AGN seen by INTEGRAL”
Friday 7th

8h45-10h15: Relativistic Jets (1): S. Corbel

Coffee Break

10h45-12h15: Clusters of galaxies (2): M. Arnaud

Lunch Break

15h30-17h00: Source population in other Galaxies: ULXs, IMBH and XRBs (2): G. Fabbiano

Coffee Break

17h15-17h30: Mission Talk (Swift): V. Beckmann

17h35-17h50: Mission Talk RXTE: J. Rodriguez

17h55-18h45: 4 attendee’s talk (10+2min each)
   - Mary Erlund: “Extended inverse-Compton emission from distant, powerful radio Galaxies”
   - Arash Bodaghee: “Sources seen with INTEGRAL/ISGRI”
   - James Graham: “Tracing gas motion in the Centaurus cluster”
   - Angel Ruiz: “Hyper luminous infra red Galaxies and the study of these objects in X-rays”

2nd WEEK

Monday 10th
8h45-10h15: Relativistic Jets (2): S. Corbel

Coffee Break

10h45-12h15: SgrA*: the black hole at the centre of our Galaxy (1): A. Eckart

Lunch Break

15h30-17h00: Active Galactic Nuclei (1): A. Fabian

Coffee Break

17h15-18h00: Introduction to MHD (1): M. Tagger

18h50-18h20: Mission Talk (GLAST): I. Grenier

18h25-18h50: 2 attendee talks (10+2 min each)
- Robin Barnard: “Timing the extra galactic X-ray binary population: an XMM-Newton revolution”
- Natasha Jackson: “Explaining the Z-track sources and jet formation”

Tuesday 11th

8h45-10h15: Ground based Gamma-ray observations and observational results: G. Hermann

Coffee Break

10h45-12h15: SgrA*: the black hole at the centre of our Galaxy (2): A. Eckart

Lunch Break

15h30-17h00: Pulsar Wind Nebulae: I. Grenier

Coffee Break

17h15-18h45: Galactic X-ray Binaries (1): T. Belloni
Wednesday 12th

8h45-10h15: General Relativity in compact object: L. Stella

Coffee Break

10h45-12h15: Supernova remnants (1): J. Vink

Lunch Break

15h00-16h30: Active Galactic Nuclei (2): A. Fabian

Coffee Break

16h45-17h30: Introduction to MHD (2): M. Tagger

17h35-18h05: SIMBOL-X: P. Ferrando

19h30 Banquet diner

Thursday 13th

8h45-10h15: Galactic X-ray Binaries (2): T. Belloni

Coffee Break

10h45-12h15: Diffuse emission: J. Knödlseder

Lunch Break

15h30-17h00: Pulsars, AXPs and SGRs (1): W. Hermsen

Coffee Break

17h15-17h30: XMM/Chandra: Philippe Ferrando

17h35-18h15: Agile: By a member of the Agile team

18h20-18h45: 2 attendee talks (10+2 min each)

-Askar Ibragimov: “The 2002 outburst of X-ray accretion
powered X-ray pulsar SAX J18808.3-3658”

-Daria Kosenko: “Modeling the X-ray emission from Tycho SNR”

Friday 14th

8h45-10h15: Supernova remnants (2): J. Vink

Coffee Break

10h45-12h15: Pulsars, AXPs, and SGRs (2): W. Hermsen

Lunch Break

Departure to Ajaccio