

5th WGs-Meeting “Black Holes & Jets” , Palermo, Nov. 21 &22, 2012

Wednesday, Nov. 21st, 2012

9:00-10:15 Registration

10:15 Welcome (P. Romano, S. Vercellone, S. Britzen)

Session I – chair: A. Alberdi

10:30-11:00 **Tomaso Belloni (INAF/Brera) - Learning about Black Holes from Jets (inv.)**

11:00-11:20 Stefanie Komossa (MPIfR) - Jets and outflows in Narrow-line Seyfert 1 galaxies

11:20-11:40 Vincenzo Antonuccio-Delogu (INAF/Catania Obs) - Backflow in AGNs: Self-regulation of accretion and jet emission

11:40-12:10 Coffee & Posters

12:10-12:30 Gabriele Bruni (IRA/INAF) - Exploring the central engine of broad absorption line quasars

12:30-12:50 Nectaria Gizani (Hellenic Open Univ.) - Tracing Jets of Supermassive Black Holes

13:00-14:30 lunch

Session II – chair: A. Eckart

14:30-15:15 **Manel Perucho (Valencia Univ) - Relativistic outflows: open issues at parsec and kiloparsec scales (inv.)**

15:15-15:35 Rémi Monceau-Baroux (CmPA – Kuleuven, Belgium): Propagation of relativistic jets in 2D and 3D simulation - Canonic FR-II and SS433

15:35-15:55 Magdalena Kunert-Bajrazewska (TCfA,Poland): Origin of the X-ray emission in radio-loud broad absorption line (BAL) quasars

15:55-16:30 Coffee & Posters

16:30-16:50 Piergiorgio Casella (INAF/Roma) - Fast variability in relativistic jets: a new tool for new Physics

16:50-17:10 Francesca Panessa (INAF/IAPS) - Jets in Radio-Quiet AGN

17:10-17:30 Christian Fromm (MPIfR) - Recollimation shocks in AGN-jets

17:30-17:50 Eduardo Ros (Univ Valencia) - Jets at the highest resolution

18:00 end

ca. 19:30 Conference dinner "Accademia del David", Via Lincoln, 47 Palermo

Thursday, Nov. 22nd, 2012

Session III – chair: X. Calmet

10:15 – 10:45 **Stefano Vercellone** (INAF/IASF Palermo) - High-energy activities at Palermo

10:45-11:05 Stefan Larsson (Stockholm Univ) - The Fermi-LAT view of blazar variability and multiwavelength correlations

11:05-11:25 Thomas Boller (MPE) - Astronomical tests of General Relativity and the pseudo-complex field theory with GRAVITY and X-ray spectroscopy

11:25-11:45 L.uka Popovic (Belgrade Obs) - Super-massive binary black hole in the center of NGC4151

11:45-12:20 Coffee & Posters

12:20-12:40 Edi Bon (Astronomical Observatory Belgrade) - The First Spectroscopically Resolved Subparsec Orbit of a Supermassive Binary Black Hole and Jet Precession

12:40-13:00 Melania Del Santo (INAF-IAPS) - High-energy emission of Cygnus X-1 with INTEGRAL: corona and jets contributions

13:00-14:30 lunch

Session IV – chair: E. Ros

14:30-14:50 Fiamma Capitanio (INAF/IAPS) - - IGR J17091-3624: a GRS J1915+105 like source as seen by INTEGRAL and Swift

14:50-15:10 Werner Collmar (MPE) - The Microquasar LS 5039 at MeV Energies

15:10-15:30 Agnieszka Janiuk (Center Theo Phys, PL) - Accretion and outflow in the central engines of gamma ray bursts

15:30-15:50 Xavier Calmet (Sussex Univ) – Effective theory approach to quantum gravity

15:50-16:20 Coffee & Posters

16:20-17:20 Discussion

17:20-17:40 Andreas Eckart (Univ. Cologne) - Dusty sources in the central stellar cluster

17:40-18:00 Stefan Gillessen (MPE) - Watching in real-time how the Galactic Center black hole starts getting fed

18:00 farewell