



# 28th Texas Symposium on Relativistic Astrophysics

## Tuesday 15 December 2015

### 16 - Black holes - Level -1, Room 17 (14:00-15:45)

-Conveners: Didier Barret

time	[id] title	presenter
14:00	[8] XMM-Newton's impact on Relativistic Astrophysics: Black Holes	SCHARTEL, Norbert
14:21	[307] Relativistic tidal disruption events: what do we learn from their rate distribution?	DONNARUMMA, Immacolata
14:42	[49] Un-Beamed Tidal Disruption Events at Hard X-Rays	HRYNIEWICZ, Krzysztof
15:02	[154] IGR J17361-4441: a possible planetary tidal disruption event in NGC 6388	Dr DEL SANTO, Melania
15:22	[109] Relativistic line reverberation mapping in tidal disruption events	YU, Wenfei
15:42	[189] Tidal disruption events induced by the Kozai-Lidov mechanism	SETO, Naoki

### 16 - Black holes - Level -1, Room 17 (16:15-18:45)

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time	[id] title	presenter
16:15	[148] The Athena/X-IFU X-ray view of Hot and Energetic Universe: probing the Black Hole environment	BARCONS, Xavier
16:40	[178] How accreting black holes may shape their surroundings through AGN feedback	Dr ISHIBASHI, Wako
17:00	[75] Direct formation of supermassive black holes; from mergers of protogalaxies to global relativistic collapse	Prof. MAYER, Lucio
17:20	[163] Cosmological mass transport on galactic nuclei and the formation of high redshift quasars.	Prof. ESCALA, andres
17:40	[231] Does the obscured AGN fraction really depend on luminosity?	Dr SAZONOV, Sergey
18:00	[87] Mildly obscured active galaxies and the diffuse X-ray background	ESPOSITO, Valentino
18:20	[381] Disentangling AGN and Star Formation Contributions in the Central Parsec of NGC 4945	ZAW, Ingyin
18:23	[422] An eclipsing binary black hole in MRK 421	Dr BENITEZ, Erika Dr MENDOZA, Sergio
18:26	[88] The high energy spectrum of 3C 273	ESPOSITO, Valentino
18:29	gap	

## Wednesday 16 December 2015

### 16 - Black holes - Level -1, Room 17 (14:00-15:45)

**-Conveners: Didier Barret**

time	[id] title	presenter
14:00	[155] General relativistic precession of orbits around the stellar-mass black hole in H 1743-322	Dr INGRAM, Adam
14:25	[266] On the Detection of an Extreme Gravitationally Redshifted Fe-line constraining the Rotation of the Super-Massive Black Hole in Mrk 876	BOTTACINI, Eugenio
14:47	[493] The high energy variability of V404 Cygni during the June 2015 outburst	NATALUCCI, Lorenzo
15:12	[121] Measuring the Innermost Stable Circular Orbits of Supermassive Black Holes	Dr CHARTAS, George
15:33	[331] MHD Shocks in Accretion onto a Rotating Black Hole	TAKAHASHI, Masaaki
15:36	[288] Accretion of a relativistic kinetic gas into a black hole	Ms RIOSECO, Paola
15:39	[397] Angular momentum loss by gravitational radiation in binaries with black hole	Ms KOCAK, Dolunay YAKUT, Kadri
15:42	[160] Quasi-periodic oscillations of perturbed tori	Mr PARTHASARATHY, Varadarajan

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time	[id] title	presenter
16:15	[319] Rapid variability as a probe of warped space-time around accreting black holes	AXELSSON, Magnus
16:35	[146] Approximation of relevant elliptical equations in the Schwarzschild metric and some astrophysical applications	DE FALCO, Vittorio
16:55	[96] Frame dragging, unipolar induction and Kerr black hole magnetospheres	Prof. OKAMOTO, Isao
17:15	[392] Gaps in black holes magnetospheres	PTITSYNA, Ksenia
17:18	[258] Can Black Holes Be Accelerators of Spinning Massive Particles?	Prof. KOCH, Benjamin
17:21	[402] Comments on the Effect of Frame Dragging	YAKUT, Kadri ÖZBAKIR, ismail
17:24	[473] Hawking radiation cannot exist if quantum vacuum fluctuations are gravitational dipoles	HAJDUKOVIC, Dragan
17:27	gap	