

XMM-Newton: The Next Decade - Programme

Monday, 04 June 2007

Registration / Introduction	
09:00-10:00	Registration
<i>Chair: Norbert Schartel</i>	
10:00-10:15	<i>Schartel, Norbert</i> : Foreword: Science output of XMM-Newton
10:15-10:45	<i>Parmar, Arvind</i> : XMM-Newton extended operations
Cosmology, Extragalactic Surveys & WHIM	
10:45-11:15	<i>Barcons, Xavier</i> : The search for the missing baryons: gone with the WHIM
11:15-11:45	Coffee Break
<i>Chair: Jacqueline Bergeron</i>	
11:45-12:15	<i>Comastri, Andrea</i> : Extragalactic Surveys
12:15-12:40	<i>Alexander, David</i> : An XMM-Newton Legacy Survey of Infrared/Submillimetre Fields?
12:40-13:05	<i>Brusa, Marcella</i> : XMM Cosmos results and perspectives
13:05-13:30	<i>Watson, Mike</i> : Contiguous and serendipitous surveys with XMM-Newton
13:30-15:00	Lunch Break
15:00-15:15	<i>Fiore, Fabrizio</i> : The census of highly obscured SMBH: X-ray observations of extreme Spitzer AGNs
15:15-15:30	<i>Carrera, Francisco J.</i> : Beyond the Lockman Hole: spectroscopy of the absorbed Universe
15:30-15:45	<i>Romer, Kathy</i> : Cosmology: Getting the most of XMM
15:45-16:00	<i>Finoguenov, Alexis</i> : Clusters in deep XMM surveys
Clusters of Galaxies	
<i>Chair: Ulrich Briel</i>	
16:00-16:30	<i>Boehringer, Hans</i> : Statistical Properties of Clusters
16:30-16:45	<i>Smith, Randall</i> : Deep RGS Observations of Clusters
16:45-17:15	Coffee Break
17:15-17:40	<i>Matsushita, Kyoko</i> : Suzaku observations of clusters of galaxies
17:40-17:55	<i>Lieu, Richard</i> : XMM-Newton in the era of observational cosmology
17:55-18:10	<i>Pratt, Gabriel</i> : Representative X-ray galaxy cluster samples up to $z \sim 0.6$
18:10-18:35	<i>Pierre, Marguerite</i> : The XMM-LSS Survey
18:35-19:00	<i>Bartlett, James</i> : Planck Cluster Survey

Tuesday, 05 June 2007

Active Galaxies	
Chair: <i>Laura Maraschi</i>	
09:00-09:30	<i>Matt, Giorgio</i> : Active galaxies
09:30-09:55	<i>Fabian, Andy</i> : Broad iron lines in AGN
09:55-10:10	<i>de la Calle Perez, Ignacio</i> : Statistics of relativistic broadened Fe K-alpha lines in AGN
10:10-10:35	<i>Mushotzky, Richard</i> : XMM and Hard X-ray Surveys of AGN
10:35-11:00	<i>Kaastra, Jelle</i> : High spectral resolution observations of AGN
11:00-11:40	Coffee Break
11:40-11:55	<i>Arav, Nahum</i> : XMM observations of AGN outflows
11:55-12:10	<i>Guainazzi, Matteo</i> : X-raying the circumnuclear matter in AGN: the XMM-Newton legacy (so far)
Galaxies and Galaxy Surveys	
Chair: <i>Richard Griffiths</i>	
12:10-12:40	<i>Motch, Christian</i> : Galactic Source Populations
12:40-13:05	<i>Pietsch, Wolfgang</i> : The X-ray Source Population of the Andromeda Galaxy M 31
13:05-13:30	<i>Georgakakis, Antonis</i> : X-ray selected normal galaxies outside the local Universe
13:30-15:00	Lunch Break
15:00-15:40	Poster Presentation (1 min. each)
15:40-15:55	<i>Haberl, Frank</i> : On the prospects of an SMC survey with XMM-Newton
15:55-16:25	<i>Warwick, Bob</i> : Diffuse Galactic X-ray Emission
16:25-16:55	Coffee Break
SNRs and the Interstellar Medium	
Chair: <i>Mike Watson</i>	
16:55-17:25	<i>Decourchelle, Anne</i> : SNR, PNe and Superbubbles: prospects for new XMM-Newton observations
17:25-17:40	<i>Miceli, Marco</i> : A high resolution survey of the metal abundances in the Vela SNR
17:40-18:05	<i>Koyama, Katsuji</i> : Spectroscopic Study of the Galactic Center X-Rays with Suzaku
18:05-18:30	<i>Pühlhofer, Gerd</i> : Using X-ray observations to identify the particle acceleration mechanisms in VHE SNRs and "dark" VHE sources
Observing Strategies	
18:30-18:45	<i>Read, Andy</i> : The XMM-Newton Slew Survey: Towards the Whole Sky
18:45-19:00	<i>Page, Mathew</i> : XMM-OM: the next decade
21:00	Conference Dinner in Madrid: Restaurante Ferreiro

Wednesday, 06 June 2007

Compact Objects	
Chair: <i>Yasuo Tanaka</i>	
09:00-09:30	<i>Caraveo, Patrizia</i> : Resolving Neutron Stars Physics and Geometry
09:30-09:55	<i>Mereghetti, Sandro</i> : XMM-Newton results on magnetars
09:55-10:20	<i>Jonker, Peter</i> : XMM-Newton constraints on EOS of matter at supra-nuclear density
10:20-10:50	<i>Kaaret, Philip</i> : Ultraluminous X-Ray Sources and X-Ray Binaries
10:50-11:05	<i>Porquet, Delphine</i> : Monitoring of SgrA* and neighbouring galactic center transients with XMM-Newton
11:05-11:40	Coffee Break
11:40-11:55	<i>Mauche, Chris</i> : Hydrodynamical and Spectral Simulations of HMXB Winds
11:55-12:10	<i>Fritz, Sonja</i> : The Modified Timing Mode - observing bright sources with XMM-Newton
Stars, Star forming Regions & the Solar System	
Chair: <i>Micela Giusi</i>	
12:10-12:40	<i>Schmitt, Jürgen</i> : Cool stars
12:40-13:10	<i>Montmerle, Thierry</i> : Doing physics in star-forming regions: high-speed shocks and magnetic fields
13:10-13:35	<i>Sciortino, Salvatore</i> : Results and Perspectives of Young Stars long look programs
13:35-15:00	Lunch Break
Chair: <i>Didier Barret</i>	
15:00-15:25	<i>Guedel, Manuel</i> : X-Ray Spectroscopy of Young Stars
15:25-15:40	<i>Oskinova, Lidia</i> : XMM-Newton probes massive-star feedback and the evolution of star clusters
15:40-16:10	<i>Rauw, Gregor</i> : X-ray spectroscopy of early-type stars: the present and the future
16:10-16:25	<i>Pollock, Andy</i> : The sustainability of life in X-ray irradiated planetary atmospheres
Final speaker	
16:25-16:55	<i>McBreen, Brian</i> : Summary
16:55-17:25	Coffee Break