



Scientific workshop at MPE, Munich

June 28-30 2010

Puzzles of Galactic Nuclei

Monday 28th June 2010

13:50-14:00	Andreas Burkert	Welcome & Introduction
Cosmological (Co-) Evolution of SMBHs and their Host Galaxies (chair: Karl Gebhardt)		
14:00-14:30	Aaron Barth	Black Hole Masses from Gas Dynamics: Progress and Puzzles
14:30-15:00	Ralf Bender	The SINFONI Search for Supermassive Black Holes in Galaxies
15:00-15:30	Michaela Hirschmann	The Anti-hierarchical Growth of Black Holes
15:30-16:00		Break
16:00-16:30	Peter Johansson	The Evolution of BH Scaling Relations in Galaxy Mergers
16:30-17:00	Jari Kotilainen	Co(?)evolution of black holes and galaxies - models meet observations
17:00-18:00		Discussion
18:30	Bavarian Buffet from the Landshuter Bäuerinnen, Excellence Cluster	

Tuesday 29th June 2010

Jets and Large Scale Galactic Structure (chair: David Merritt)		
9:30-10:00	Volker Gaibler	Impact of Jets on Galactic Gaseous Disks
10:00-10:30	Gaelle Dumas	Cold Molecular Gas in the Central 2 kpc of NGC 4151
10:30-11:00		Break
11:00-11:30	Martin Krause	Driving Outflows: How to accelerate cold gas?
Galactic Centre Physics (chair: Ralf Bender)		
11:30-12:00	Reinhard Genzel	News and Puzzles from the Galactic Centre
12:00-12:30	David Merritt	The Galactic Center as an Unrelaxed System
12:30-14:00		Lunch
14:00-14:30	Ian Bonnell	Star Formation around Supermassive Black Holes
14:30-15:00	Nadine Neumayer	Nuclear Star Clusters - Clues to Black Hole Formation
Accretion onto BH and Feedback (chair: Ian Bonnell)		
15:00-15:30	Wolfgang Duschl	Accretion-driven growth of Black Holes
15:30-16:00		Break
16:00-16:30	Huib Röttgering	Two Modes of AGN Accretion
16:30-17:00	Luca Ciotti	AGN Feedback in Elliptical Galaxies
17:00-17:30		Discussion

Wednesday 30th June 2010

AGN Tori (chair: Nadine Neumayer)		
9:30-10:00	Konrad Tristram	Puzzles of Dusty Tori in AGN
10:00-10:30	Leonard Burtscher	Resolved Tori in Seyferts and Radio Galaxies
10:30-11:00		Break
11:00-11:30	Marc Schartmann	Modelling the formation and evolution of AGN tori
11:30-12:00		Discussion
12:00-12:15	Andreas Burkert	Summary and Farewell