

Recent Advances in Cosmology, Splinter Meeting of the AG-Tagung in Potsdam 2009

Version as of September 14, 2009.

Invited talks are 22 minutes + 8 minutes discussion and contributed ones are 10 minutes + 5 minutes discussion. The schedule is tight, please stick to your allocated time.

Tuesday, September 22: Supernovae, IGM, Reionization

14:30–14:55	All	Coffee, Posters
14:55–15:00	T.H. Reiprich	Welcome
15:00–15:30	S. Bailey	Making Cosmology's Best Standard Candles Even Better: The Nearby Supernova Factory and Spectrophotometric Observations of SNe Ia
15:30–15:45	F. Roepke	The Diversity of Type Ia Supernova Explosions in Multidimensional Models
15:45–16:15	G. Becker	A Status Report on the Intergalactic Medium and Cosmic Reionization
16:15–16:30	A. Dall'Aglio	The High Redshift Evolution of the Cosmic UV Background Photoionisation Rate
16:30–16:45	All	Break
16:45–17:00	C. Fechner	The Spectrum of the Intergalactic UV Background From QSO Absorption Lines
17:00–17:15	J. Forero-Romero	Understanding High Redshift Lyman-alpha Emitters
17:15–17:30	A. Partl	Large Scale Structure Bias of the Proximity Effect
17:30–17:45	T. Tepper Garcia	The Physical Environment of OVI Absorption Systems
18:00–20:00	AG Members	AG General Assembly

Wednesday, September 23: Galaxy Clusters, CMB

14:30–15:00	All	Coffee, Posters
15:00–15:30	S.W. Allen	X-ray Cluster Cosmology
15:30–16:00	S. Borgani	The Future of Cosmology with Galaxy Clusters: An X-ray Perspective
16:00–16:15	S. Ettori	Cosmological Constraints From Estimates of the Gas Mass, Total Mass and Concentration Parameter in X-ray Luminous Galaxy Clusters
16:15–16:30	A. Del Popolo	Cusp or Core
16:30–16:45	M. Haas	Clustering of Red Galaxies around the $z = 1.53$ Quasar 3C 270.1
16:45–17:00	All	Break
17:00–17:15	G. Hensler	Building-up Galaxy Clusters: Where are the Survivors of Ram-Pressure-Stripped Galaxies?
17:15–17:30	T. Lisker	Early-Type Dwarf Galaxies as Tests of Cosmological Models?
17:30–17:45	C. Llinares	The Bullet Cluster as a Test for Cosmology

17:45–18:00	M. Nord	De-Projecting the Physical Structure of the Intra-Cluster Medium Using the Sunyaev-Zel'dovich Effect
18:00–18:15	J.P. Mücke	The Contribution of the Kinematic Sunyaev-Zel'dovich Effect from the IGM to the WMAP 5th-Year Data
18:15–18:30	D. Samtleben	The Q/U Imaging Experiment (QUIET) - Measuring the CMB Polarization with Coherent Detector Arrays
19:30–??:??	All Who Paid	Conference Dinner

Thursday, September 24: Large Scale Structure, Gravitational Lensing

14:30–15:00	All	Coffee, Posters
15:00–15:30	M. Sullivan	Cosmology with Type Ia Supernovae
15:30–16:00	W. Percival	Cosmological Large-Scale Structure Observations
16:00–16:15	A.G. Sanchez	Cosmological Parameter Constraints from SDSS Luminous Red Galaxies: A New Treatment of Large-Scale Clustering
16:15–16:30	J.S. Klar	A Detailed View on Filaments and Sheets of the WHIM
16:30–16:45	C. Wagner	Nonlinear Matter Power Spectrum Emulator
16:45–17:00	S. Harfst	CosmoGrid: Simulating the Universe across the Globe
17:00–17:15	All	Break
17:15–17:45	Y. Mellier	Gravitational Lensing and Cosmic Shear
17:45–18:15	A. Refregier	Euclid
18:15–18:30	T. Schrabback	Cosmological Weak Lensing with COSMOS
18:30–18:45	H. Israel	The 400d Galaxy Cluster Survey Weak Lensing Programme
18:45–19:00	S. Britzen	Supermassive Binary Black Holes