

Science Week 3-6 Dec 2018 at Kloster Seeon - Schedule

Chairs	Start	End	Session	Speaker / Organizer
Mon Dec 3	10:00		Bus leaves at IPP gate, Boltzmannstr. 2, Garching at 10am	
	until	12:00	Arrival	
			Room: Large auditorium	
	12:00	13:30	Lunch	
	13:30	13:40	Opening remarks and logistics	Andreas Burkert (LMU) / Stephan Paul (TUM)
Dieter Braun (LMU)	13:40	13:50	The Munich team and links to international initiatives	Dieter Braun (LMU)
	13:50	14:30	The rise of information: systems chemistry of RNA oligomer pools (30+10)	Philipp Holliger (MRC Laboratory of Molecular Biology)
	14:30	15:10	Photochemical synthesis, chirality and detection of the building blocks of life in (simulated) cometary matter (30+10)	Cornelia Meinert (Université Côte d'Azur)
	15:10	15:25	Compartmentalized RNA catalysis in membrane-free coacervate protocells (10+5)	Kristian Le Vay (MPI Biochemistry)
	15:25	15:40	Genetic exchange between protocells (10+5)	Thomas Litschel (MPI Biochemistry)
	15:40	16:00	Coffee, Posters & AR / VR presentation	
	16:00	17:00	Laboratory for Rapid Space Missions	Martin Losekamm (TUM)
Andreas Burkert (LMU) / Stephan Paul (TUM)	17:00	17:10	Universe Award 2018 (experiment): Laudatio	Gerhard Graw (LMU)
	17:10	18:00	Universe Award 2018 (experiment): "Particle Tracking with Micro-Pattern Gaseous Detectors"	Bernhard Flierl (LMU)
	18:00	20:00	Dinner	
Tue Dec 4	7:00	9:00	Breakfast	
Martin Fässler (LMU)	9:00	9:25	Hidden graviton phenomenology in C2PAP (20+5)	Rafael Delgado (TUM)
	9:25	9:50	Cosmological aspects of the String Theory Swampland (20+5)	Eran Palti (MPP)
	9:50	10:15	Searches for Dark Matter at LHC and their relation to direct and indirect searches (20+5)	Patrick Rieck (MPP)
	10:15	10:45	Coffee, Posters & AR / VR presentation	
Hans Böhringer (LMU)	10:45	11:10	Improved theoretical predictions for indirect (wino) dark matter detection with next-generation gamma-ray telescopes (20+5)	Martin Vollmann (TUM)
	11:10	11:35	High-energy neutrino astronomy: results & perspectives (20+5)	Kai Krings (TUM)
	11:35	12:00	Exploring coherent neutrino-nucleus scattering with NU-CLEUS (20+5)	Raimund Strauss (TUM)
	12:00	14:00	Lunch	
Stefan Hilbert (LMU)	14:00	14:25	Recent results on low-mass dielectron production in pp and Pb-Pb collisions with ALICE (20+5)	Torsten Dahms (TUM)
	14:25	14:50	All-order resummations in QCD at next-to-leading power (20+5)	Robert Szafron (TUM)
	14:50	15:15	Measuring the mass distributions in the Universe with the Dark Energy Survey: our progress report (20+5)	Stella Seitz (LMU)
	15:15	15:45	Coffee, Posters & AR / VR presentation	
Andreas Burkert (LMU) / Stephan Paul (TUM)	15:45	15:55	Universe Award 2018 (theory): Laudatio	Gerhard Börner (MPA)
	15:55	16:45	Universe Award 2018 (theory): "Investigations into dark matter halo bias"	Titouan Lazeyras (SISSA)
	16:45	18:00	Poster Session: Seed Money & Contributed	
	18:00	20:00	Dinner	
Wed Dec 5	7:00	9:00	Breakfast	
Wolfgang Hillebrandt (MPA)	9:00	9:25	Gamma-ray and multi-messenger highlights with MAGIC at the very high energies (20+5)	Razmik Mirzoyan (MPP)
	9:25	9:50	Observing the dawn of planet formation with ALMA (20+5)	Leonardo Testi (ESO)

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	9:50	10:15	Testing general relativity with infrared interferometry in the center of the Milky Way (20+5)	Reinhard Genzel (MPE)
	10:15	10:45	Coffee, Posters & AR / VR presentation	
	10:45	11:10	Nucleosynthesis of the 44Ti isotope (20+5)	Annop Wongwatharanat (MPA)
	11:10	11:35	The structure of the Galaxy's ISM and diffuse radioactivities (20+5)	Moritz Pleintinger (MPE)
	11:35	11:50	Dark matter and dark radiation (12+3)	Mathias Garny (TUM)
	11:50	12:05	The strong impact of cosmic rays on the structure of the ISM and outflows (12+3)	Tim-Eric Rathjen (MPA)
	12:05	14:00	Lunch	
Joe Mohr (LMU)	14:00	14:15	The challenge for cosmological simulations (12+3)	Klaus Dolag (LMU)
	14:15	14:30	cancelled	
	14:30	14:45	The Milky Way's dark matter and stellar mass distribution in the era of Gaia (12+3)	Ortwin Gerhard (MPE)
	14:45	15:10	The brightest stars in the Universe as extragalactic probes of cosmic abundances and distances (20+5)	Rolf Kudritzki (LMU)
	15:10	15:45	Coffee, Posters & AR / VR presentation	
Andreas Burkert (LMU) / Stephan Paul (TUM)	15:45	16:30	RA A overview talk UNIVERSE (40+5)	Georgi Dvali (LMU)
Sonja Dames (TUM)	16:30	18:00	General Assembly	
			20-min talk UNIVERSE SUMMARY	Andreas Burkert (LMU) / Andreas Weiler (TUM) / Rolf Kudritzki (LMU)
			20-min talk MIAPP SUMMARY	
			20-min talk C2PAP SUMMARY	Klaus Dolag (LMU) / Günther Duckeck (LMU)
			30-min talk ORIGINS PLANS	Andreas Burkert (LMU) / Stephan Paul (TUM)
	18:00	20:00	Dinner	
Thu Dec 6	7:00	8:30	Breakfast	
Andreas Burkert (LMU) / Stephan Paul (TUM)	8:30	9:15	RA B overview talk UNIVERSE (40+5)	Alexander Mann (LMU)
	9:15	9:30	Electric Dipole Moment searches (12+3)	Peter Fierlinger (TUM)
	9:30	10:00	RA C overview talk UNIVERSE (25+5)	Thomas Kuhr (LMU)
	10:00	10:30	Coffee & Posters	
	10:30	11:15	RA D overview talk UNIVERSE (40+5)	Siegfried Bethke (MPP)
	11:15	12:00	RA E overview talk UNIVERSE (40+5)	Jochen Weller (LMU)
	12:00	14:00	Lunch Break	
	14:00	14:45	RA F overview talk UNIVERSE (40+5)	Barbara Ercolano (LMU)
	14:45	15:30	RA G overview talk UNIVERSE (40+5)	Roland Diehl (MPE) / Bruno Leibundgut (ESO)
	15:30	16:00	Coffee & Posters	
	16:00		Bus leaves in Kloster Seeon to Garching	