

MONDAY, FEBRUARY 27

Session 1: STAR FORMATION & STELLAR EVOLUTION	
14:00	Stephan Paul (TUM)/Andreas Burkert (LMU)..... Welcome
14:05	Friedel Thielemann (U Basel) Overview Stellar nucleosynthesis (tbc)
14:50	Garth Illingworth (UC Santa Cruz) Highlight First galaxies: Galaxy growth in the first billion years
15:35	Coffee
16:00	Linda Tacconi (MPE)..... Highlight Galaxy assembly and star formation in the early Universe
16:45	n.n..... Highlight
17:30 Discussion
18:00	POSTER SESSION

TUESDAY, FEBRUARY 28

Session 3: DARK MATTER & DARK ENERGY	
14:00	Bruno Leibundgut (ESO) Overview Supernova cosmology
14:45	Jean-Come Lanfranchi (TUM)..... Highlight Results from the direct dark matter search with the CRESST II experiment
15:30	Coffee
16:00	Luca Amendola (U Heidelberg) Highlight Dark matter and dark energy (tbc)
16:45	n.n..... Highlight
17:30	n.n..... Highlight
18:15 Discussion

WEDNESDAY, FEBRUARY 29

Session 5: GRAVITATION, INFLATION & STRINGS	
14:00	Georgi Dvali (LMU, MPP)..... Overview Non-Wilsonian UV-completion by classicalization in particle physics and gravity
14:45	Hartmut Abele (TU Vienna) Highlight Spectroscopy of gravity
15:30	Coffee
16:00	Eva Silverstein (U Stanford)..... Highlight String theory
16:45	Cliff Burgess (Perimeter Inst. & McMaster U).... Highlight Challenging the Standard Model (tbc)
17:30	Scott Dodelson (tbc) (U Chicago, Fermilab)..... Highlight Inflation and the cosmic microwave background
18:15 Discussion

TUESDAY, FEBRUARY 28

Session 2: NON-THERMAL UNIVERSE	
09:00	Werner Hofmann (MPIK Heidelberg)..... Overview High-energy astronomy
09:45	Roberto Battiston (INFN, U Perugia)..... Highlight Particle cosmic rays (tbc)
10:30	Coffee
11:00	Jeremiah Ostriker (Princeton U)..... Highlight On the formation of massive galaxies and their central black holes
11:45 Discussion
12:00	Lunch

WEDNESDAY, FEBRUARY 29

Session 4: LEPTOGENESIS & FLAVOUR PHYSICS	
09:00	Alexei Smirnov (INR Trieste) Overview Neutrinos: masses, mixing and symmetries
09:45	Thierry Lasserre (Saclay; CEA Paris)..... Highlight Neutrinos: recent results and developments
10:30	Coffee
11:00	Stefan Pokorski (U Warsaw)..... Highlight Quark flavour physics (tbc)
11:45 Discussion
12:15	Lunch

THURSDAY, MARCH 01

Session 6: LHC & HEAVY ION PHYSICS	
09:00	Rolf-Peter Heuer (CERN)..... Overview Physics at the LHC
09:45	John Ellis (CERN)..... Highlight The LHC and the Universe
10:30	Coffee
11:00	Johanna Stachel (U Heidelberg) Highlight Investigating the quark-gluon plasma at the LHC - First results from ALICE
11:45 Discussion
12:15	Lunch