

# Schedule of ISAPP 2019 Summer School „The dark side of the Universe"

May 28 - June 4, 2019, MPIK, Heidelberg, Germany

	09:00-10:30	10:30-11:00	11:00-12:30	12:30-14:00	14:00-15:30	15:30-16:00	16:00-17:30	
Tuesday May 28	Particle physics (W. Rodejohann) Cosmology (B.M.Schäfer)	coffee break	Particle physics (W. Rodejohann) Cosmology (B.M.Schäfer)	lunch break	Particle physics (W. Rodejohann) Cosmic accelerators (F. Rieger)	coffee break	Particle physics (W. Rodejohann) Cosmic accelerators (F. Rieger)	ISAPP Barbeque
Wednesday May 29	Neutrino - theory I (E. Akhmedov)	coffee break	Neutrino - theory II (E. Akhmedov)	lunch break	Dark Matter - evidences and candidates (WIMPs , axions, sterile $\nu$ ) (C. Weniger)	coffee break	Dark Matter - indirect detection (C. Weniger)	
Thursday May 30	Neutrino experiments (Ch. Weinheimer)	coffee break	Astronomical neutrinos (G. Raffelt)	lunch break	Dark Matter - direct detection (WIMPs and Axions) (R. Budnik)	coffee break	Dark Matter - direct detection (WIMPs and Axions) (R. Budnik)	
Friday May 31	Neutrino experiments (Ch. Weinheimer)	coffee break	Neutrinos and BSM (S. Davidson)	lunch break	The hot thermal Universe (BBN, BAU, ...) (S. Davidson)	coffee break	Dark Matter at the LHC (H.-C. Schultz-Coulon)	
Saturday June 1	Excursion day							Castle Illumination
Sunday June 2	Dark Matter - phenomenology (J. Kopp)	coffee break	Dark Matter and BSM (J. Kopp)	lunch break	Cosmology (CMB, GR lensing, structure) (B.M. Schäfer)	coffee break	POSTER SESSION	
Monday June 3	DISCUSSION SESSION	coffee break	Gravitational Wave experiments (H. Lück)	lunch break	Dark Energy experiments (M. Kowalski)	coffee break	-- free --	Conference Dinner 19:00
Tuesday June 4	Gravitational waves theory (M. Mapelli)	coffee break	Dark Energy theory (C. de Rham)	lunch break	The high energy Universe (experiments) (U. Katz)	coffee break	The high energy Universe (theory) (F. Aharonian)	