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Challenges and Opportunities of High Frequency Gravitational Wave Detection | (smr 3493)

Monday 14 October 2019

Monday, 14 October 2019 - Adriatico Guest House - Kastler Lecture Hall (08:30-17:45)

time	title	presenter
08:30	Registration & Administrative Formalities	
09:25	Welcome by Prof. Fernando Quevedo (ICTP Director)	
09:30	Introduction to Cosmological Sources of HFGW	DANIEL FIGUEROA
10:15	OzGrav HF: A detector for studying nuclear matter at extreme pressure, temperature and density	DAVID OTTAWAY
11:00	Coffee Break	
11:30	Discussion	CONVENER: VALERIE DOMCKE
12:30	Lunch Break	
14:00	Neutron star mergers and kHz gravitational-wave emission	ANDREAS BAUSWEIN
14:45	The Schenberg Gravitational Wave Antenna	ODYLIO AGUIAR
15:30	Coffee Break	
16:00	Experimental upper limits on (ultra) high-frequency gravitational waves and prospects for more: Magnetic conversion detectors and correlated interferometry	HARTMUT GROTE
16:45	Discussion	CONVENER: FRANCESCO MUIA