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

## Tuesday 15 October 2019

**Tuesday, 15 October 2019 - Adriatico Guest House - Kastler Lecture Hall (09:30-18:50)**

time	title	presenter
09:30	Strategies for GW science at 1GHz and above	MIKE CRUISE
10:15	Gravitational waves from phase transitions	MARK HINDMARSH
11:00	Coffee Break	
11:30	Discussion	CONVENER: SEBASTIAN STEINLECHNER
12:30	Lunch Break	
14:00	Detecting high-frequency gravitational waves with optically-levitated sensors	ANDREW GERACI
14:45	Gravitational Waves from Inflation and Primordial Black Holes	MARCO PELOSO
15:30	Coffee Break	
16:00	Gravitational waves from preheating: parameter dependence	FRANCISCO TORRENTI
16:20	Gravitational Imprints of Flavour Hierarchies	TOBY OPFERKUCH
16:40	A pipeline for searching Stochastic Gravitational Wave by Pulsar Timing Residuals	SEYED MOHAMMAD SADEGH MOVAHED
16:50	Discussion	CONVENER: JESSICA STEINLECHNER