

Table of contents

Wednesday 21 September 2022	1
-----------------------------------	---

Frontiers of Matter Wave Optics School and Conference | (smr 3735)

Wednesday 21 September 2022

- Budinich Lecture Hall (LB) (09:00-17:20)

time	title	presenter
09:00	One-minute coherence in an optical-lattice based atom interferometer	HOLGER MUELLER
09:40	Gravity gradiometry with atom inteferometry	MICHEAL HOLYNSKI
10:20	Coffee break	
11:00	Creating a massive minimal uncertainty wavepacket using Gross-Pitaevskii breathers	MAXIM OLSHANII
11:40	Towards atomic diffraction through single-layer graphene	CHRISTIAN BRAND
12:00	Towards a large spatial separation atom interferometer for geometrical phase measurements	ALEXANDRE GAUGUET
12:20	Lunch break	
14:00	Excursion	