September 2024

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
all-day	8 Sep	9 Sep	10 Sep	11 Sep	12 Sep	13 Sep
09		Welcome by Wolf von Klitzing 09:30 – 10:15 KEYNOTE by Markus Arndt Universal matter-wave interferometry across the mass & complexity scales	09:30 – 10:15 KEYNOTE: Dana Anderson Maxwell Matter Waves: Coherence Properties, Generation, and Applications	09:30 – 10:15 KEYNOTE by Mark Kasevich De Broglie waves and Gravitation	09:30 – 10:15 KEYNOTE: Alice Sinatra Nonlocal correlations and quantum gain in multiparameter estimation	09:30 – 10:15 KEYNOTE: Malcolm Boshier Atomtronic Rotation Sensors
10		10:16 – 10:46 Contributed FATTORI MARCO: Differential Mach-Zehnder interferometry with	10:15 – 10:45 Contributed FANTINI ANDREA: Programmable quantum simulator with	10:15 – 10:45 Contributed SECKMEYER STEFAN: Spatially Resolved Phase Reconstruction	10:15 – 10:45 SCHACH PATRIK: Exploring Tunneling Times with Ramsey Clocks	10:15 – 10:45 Contributed MARLIERE NATHAN: High-performance two axis cold-atom
11			10:45 – 11:15 Contributed GIESE ENNO: Optimal atom-interferometric dark-matter	10:45 – 11:15 Contributed HAMMERER KLEMENS: Measuring Tidal Phases and Enhancing	10:45 – 11:15 Contributed DI PUMPO FABIO: Effective field theory for atoms and its	10:45 – 11:15 Contributed SARAH DARMON: Development of a cold atom absolute airborne
		11:15 – 11:45 COFFEE	11:15 – 11:45 COFFEE	11:15 – 11:45 COFFEE	11:15 – 11:45 COFFEE	11:15 – 11:45 COFFEE
noon		11:45 – 12:30 INVITED: Federica Surace Quantum simulation of string breaking dynamics	11:45 – 12:30 INVITED:Chloé Malbrunot Test of CPT and Lorentz invariance with a cold (anti)hydrogen beam	11:45 – 12:15 INVITED: Thomas Lévèque CARIOQA EO mission	11:45 – 12:30 INVITED: Ekkart Peik Laser Excitation of the Th-229 Nucleus	11:45 – 12:30 INVITED: Dennis Schlippert 10 m VLBAI
		12:30 – 13 Contributed REINHARDT DAVID: Enhancing parameter estimation for the	12:30 – 13 Contributed Talk STRUCKMANN CHRISTIAN: Multi-axis atom interferometry for	12:15 – 12:45 Contributed Talk STOLZENBERG KNUT: Multi-axis inertial sensing with 2D BEC	12:30 – 13 Contributed MüLLER GABRIEL: Bayesian optimization for state engineering of	12:30 – 13 Contributed FIEDLER JOHANNES: Reflective atom interferometry and its
13		13 – 15 Lunch Break	13 – 15 Lunch Break	12:45 – 13:15 INVITED: In the memory of Christian Bordé Wolfgang Schleich	13 – 15 Lunch Break	13 – 15 Lunch Break
				13:15 – 14:15 Lunch		
14	14 – 16 ARRIVAL			14:15 – 20 Excursion		
15		15 – 15:45 INVITED: Donatella Cassettari Towards prime factorisation in holographic traps	15 – 15:45 INVITED: Mingsheng Zhan Atom Interferometry in Space		15 – 15:45 INVITED: Jan Rudolph Clock Atom Interferometry for Long-Baseline Atomic Sensors	15 – 15:45 INVITED: Ananya Sitaram Continuous Bose-Einstein condensation and continuously-operating optical clocks
16	16 – 18 REGISTRATION	15:45 – 16:15 Contributed KLUESENER VALENTIN: Spontaneous emission of matter-waves	15:45 – 16:15 Contributed ENNIS OLIVER: Atom Interferometer Observatory and Network-		15:45 – 16:15 Contributed EFREMOV MAXIM: Optimal diffractive focusing of quantum	15:45 – 16:15 Contributed MASIELLO ISMAELE VINCENT: Direct extraction of path weak
		16:15 – 16:45 COFFEE	16:15 – 16:45 COFFEE		16:15 – 16:45 COFFEE	16:15 – 16:45 COFFEE
17		16:45 – 17:30 INVITED by Carrie Weidner Controlling ultracold atoms in optical lattices: theory and practice (but mostly practice)	16:45 – 17:30 INVITED: Michèle Heurs The past, present, and future of ground-based laser-interferometric gravitational wave detection		16:45 – 17:30 INVITED: Franck Pereira Dos Santos Measurement of short range forces with quectonewton stability	16:45 – 17:30 INVITED: Treutlein Quantum metrology with EPR entangled BECs
		17:30 – 18 Contributed GARRAWAY BARRY: Matter-wave dynamics and topologies using	17:30 – 18 Contributed SCHELFHOUT JESSE: A large-momentum-transfer atomic mass		17:30 – 18 Contributed POLO JUAN: Angular momentum fractionalization in ultracold	17:30 – 18 Contributed Landru Mal — Multi-Species Cold Atom Interferometry For
18		18 – 18:30 Contributed PRATES HENRIQUE: Bloch-Landau-Zener oscillations in a quasi-	18 – 18:30 Contributed GAUGUET ALEXANDRE: optimal floquet engineering for large		18 – 18:30 Student Prize Talks	Closing Remarks
19	19 – 23 WELCOME RECEPTION	19 – 20 DINNER	19 – 20 DINNER		19 – 20 DINNER	
20		20 – 20:20 INDUSTRY Presentation EXAIL 20:20 – 20:40 INDUSTRY Presentation Toptica 20:40 – 23 Relax by the sea	20 – 23 POSTER SESSION 1	20 – 23:30 Cretan Dinner at OAC 20:30 – 21:15 After Dinner Talk Wolfgang Schleich	20 – 23 POSTER SESSION 2	
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