

Preliminary Programme

Monday, April 20, 2020

	Newton 1	Newton 2
8:45 AM - 10:45 AM	Tutorial: GNSS and Two-Way time transfer	Tutorial: Microwave clocks
10:45 AM - 11:00 AM	Morning Break - Monday	
11:00 AM - 1:00 PM	Tutorial: MEMS oscillators	Tutorial: Optical time-frequency transfer over fiber and free-space
1:00 PM - 2:00 PM	Lunch Break - Monday	
2:00 PM - 4:00 PM	Tutorial: Phase noise measurement techniques	Tutorial: Optical atomic clocks and applications
4:00 PM - 4:15 PM	Afternoon Break - Monday	
4:15 PM - 6:15 PM	Tutorial: 1. Space radiations and their impacts on components / 2. Frequency Behavior of Quartz Resonators Under Low Dose Exposures to Ionizing Radiation	Tutorial: Optical frequency Combs for Frequency Metrology

Tuesday, April 21, 2020

	Newton 1+2 / Einstein	Newton 1	Newton 2	Einstein	Erasmus Highbay
9:30 AM - 11:00 AM	General Session - Tuesday				
11:00 AM - 11:30 AM	Morning Break - Tuesday				
11:30 AM - 1:00 PM		G6.1 Optical Clocks	G5.1 Timescales and Dissemination	G1.1 Resonators for filtering and sensing	
1:00 PM - 2:30 PM	Lunch Break - Tuesday				
2:30 PM - 4:10 PM		G6.2 Optical clock comparisons	G5.2 TWSTFT	G2.1 Optoelectronics	
4:10 PM - 6:30 PM					Poster Session - Tuesday

Wednesday, April 22, 2020

	Newton 1+2 / Einstein	Newton 1	Newton 2	Einstein	Erasmus Highbay
9:00 AM - 10:30 AM	General Session - Wednesday				
10:30 AM - 11:00 AM	Morning Break - Wednesday				
11:00 AM - 1:00 PM		G6.3 Optical representations of SI second	G5.3 Timing and GNSS	G2.2 Noise in Oscillators and resonators	
1:00 PM - 2:30 PM	Lunch Break - Wednesday				
2:30 PM - 4:10 PM		G6.4 Optical Clock Technology	G5.4 Optical Time and Frequency Transfer	G3.1 CPT and POP Vapor Cell Clocks	
4:10 PM - 6:30 PM					Poster Session - Wednesday

7:00 PM - 11:00 PM

Social Dinner - Louwman Museum The Hague

Thursday, April 23, 2020

	Newton 1	Newton 2	Einstein
8:30 AM - 10:30 AM	G6.5 Optical local oscillators	G5.5 VLBI and Time Synchronisation	G3.2 Atomic Fountains and Cesium Beam clocks
10:30 AM - 11:00 AM	Morning Break - Thursday		
11:00 AM - 1:00 PM	G6.6 Fundamental Physics Tests	G5.6 Optical Frequency Transfer	G3.3 Space and Miniaturized Clocks
1:00 PM - 2:30 PM	Lunch Break - Thursday		
2:30 PM - 4:10 PM	G6.7 Novel spectroscopic methods for optical clocks	G5.7 GNSS Time Transfer	G3.4 Atomic Sensors, Devices and Industrial Clocks
4:10 PM - 4:30 PM	Afternoon Break - Thursday		
4:30 PM - 6:10 PM	G6.8 Optical spectroscopy	G5.8 Other Techniques	G4.1 Single crystals for high stability oscillators