



# Second European Physical Society Conference on Gravitation: measuring gravity

## Wednesday, July 7, 2021

### Recorder Talks: Geodesy and Ranging (2:00 PM - 3:30 PM)

-Conveners: Jürgen Müller (chair)

time	[id] title	presenter
2:00 P	[M9] Scientific Benefits of Strongly Reduced Acceleration Noise Level Requirements for a NGGM	BENDER, Peter
2:10 P	[M] High-Performance Clock Networks and Their Application in Geodesy	WU, Hu
2:20 P	[M] Geodesy and non-newtonian gravity	PERNOT-BORRÀS, Martin
2:30 P	[M0] Benefit of new high-precision LLR data for the determination of relativistic parameters	BISKUPEK, Liliane MÜLLER, Jürgen
2:40 P	[M1] Testing alternative theories of gravity with INPOP planetary ephemerides	FIENGA, Agnes
2:50 P	[M0] On-ground technology testing for space-based GW detectors: updates from a torsion pendulum equipped with an exact copy of the LISA Pathfinder sensor.	DAL BOSCO, Davide
3:02 P	[M] Measuring Gravity with Very Long Baseline Atom Interferometry	TELL, Dorothee
3:15 P	[M1] Sagnac Spectroscopy with Large Ring Lasers	SCHREIBER, K. U VELIKOSELTSEV, A.
3:25 P	[M] General Relativistic geodesy - a new shape of the earth	LAEMMERZAHL, Claus
3:26 P	[M3] A quantum space gravimetry mission study based on the integration of atom interferometry gravity sensors and atomic clocks	MIGLIACCIO, Federica