

Second European Physical Society Conference on Gravitation: measuring gravity

Monday, 5 July 2021

Recorded Talks: Experimental Challenges in Gravitational Wave Detection (13:30 - 15:30)

-Conveners: Fulvio Ricci (chair)

| time | [id] title | presenter |
|-------|---|---|
| 13:30 | [29] Parametric Instability Observation in Advanced Virgo | PUPPO, Paola |
| 13:35 | [7] Spectral separation of the Stochastic Gravitational-Wave Background in the context of the LISA Noise, a galactic modulated foreground, astrophysical and cosmological backgrounds | BOILEAU, Guillaume |
| 13:40 | [28] Limitations on LISA sensitivity to gravitational waves from local spacecraft gravitational field | FERRONI, Valerio |
| 13:42 | [92] Nonlinear Dynamics of Quadratic Gravity | HELD, Aaron |
| 13:57 | [31] Coherent Gravitational Waveforms and Memory from Cosmic String Loops | HELPER, Thomas |
| 13:58 | [34] Search for nonlinear memory from subsolar mass compact binary mergers | EBERSOLD, Michael |
| 14:01 | [30] Binary systems as dynamical detectors of gravitational waves | JENKINS, Alexander |
| 14:15 | [24] Removing Schumann noise from stochastic gravitational wave data | MARTINOVIC, Katarina |
| 14:18 | [14] In depth analysis of LISA Pathfinder results and consequences for LISA | CASTELLI, Eleonora VITALE, Stefano SALA, Lorenzo LPF COLLABORATION |
| 14:19 | [8] Probing Quadratic Gravity with Binary Inspirals | PICKER, Zachary |
| 14:20 | [71] Searches for Compact Binary Coalescence Events using Neural Networks in LIGO/Virgo data | MENENDEZ-VAZQUEZ, Alexis |
| 14:22 | [72] Instrumented baffles for AdV+ | MIR, Lluïsa-Maria |
| 14:23 | [82] Search for lensing signatures in the gravitational-wave observations from the first half of LIGO-Virgo's third observing run | BUSCICCHIO, Riccardo |
| 14:24 | [73] Lunar Gravitational-Wave Antenna | HARMS, Jan |
| 14:25 | [77] Bayesian estimation of contributions to the extreme-low-frequency force noise in LISA Pathfinder | SALA, Lorenzo |
| 14:26 | [80] Gravitational wave friction in light of GW170817 and GW190521 | KARATHANASIS, Christos |
| 14:27 | [84] Waveform systematics and gravitational-wave catalogs | GEROSA, Davide |