

POSTERS

1. Julius Komma (Jena)
Electronical Absorption of Silicon at Cryogenic Temperatures
2. Peter Murray (Glasgow)
Low-temperature mechanical dissipation of thermally evaporated indium film
3. Masayuki Nakano (ICRR)
Installation of Input optics (a pre-mode cleaner, a input Faraday isolator and a frequency stabilization system with a fiber ring cavity) for iKAGRA.
4. Marielle van Veggel (Glasgow)
Current status of bonding research for silicon and sapphire (cryogenic) suspensions
5. TBA
A numerical simulation of modern controls (combining conventional PID with Kalman state estimation and a neural-network based reinforcement learning agent).
6. Tarquin Ralph (ANU)
Wavefront Sensing Using Digital Interferometry
7. Katakoo Yuu (Tokyo Institute of Technology)
Parametric amplification for a stiff optical spring
8. Lorenzo Cerboni Baiardi (Urbino)
Reinforcement Learning (RL) Based Control for Seismic Noise Reduction
9. Jessica Steinlechner
Optimization of Si-based Highly-Reflective Mirror Coatings for 1550 nm
10. Katherine Dooley
Towards a tilt-free seismometer design

11. Zach Korth

Towards a direct measurement of Voyager-style suspension thermal noise with cryogenic ribbon cavities