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. Katakoa Yuu (Tokyo Institute of Technology)

Parametric amplification for a stiff optical spring

8. Lorenzo Cerboni Baiardi (Urbino)

Reinforcement Learning (RL) Based Control for Seismi 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