Gravitational Waves: Noise sources and mitigation strategies

Report of Contributions

https://indico.stfc.ac.uk/e/910

Contribution ID: **1** Type: **not specified**

Arrival and registration

Monday, 13 November 2023 10:30 (30 minutes)

Contribution ID: **2** Type: **not specified**

Welcome

Monday, 13 November 2023 11:00 (15 minutes)

Contribution ID: **3** Type: **not specified**

Science targets in the decihertz frequency band

Monday, 13 November 2023 11:15 (35 minutes)

Presenter: Dr BERRY, Christopher

Contribution ID: **4** Type: **not specified**

Adaptive algorithms for Newtonian noise cancellation in 2nd and 3rd generation GW detectors

Monday, 13 November 2023 11:50 (35 minutes)

Presenter: Dr KOLEY, Soumen

Contribution ID: **5** Type: **not specified**

Atom Interferometry: R&D and Science Targets

Monday, 13 November 2023 12:25 (35 minutes)

Presenter: Prof. ELLIS, John

Contribution ID: **6** Type: **not specified**

Data Quality Challenges in LIGO and LISA

Monday, 13 November 2023 14:00 (35 minutes)

Presenter: Dr NUTTALL, Laura

Contribution ID: **7** Type: **not specified**

Lessons from two decades of looking at gravitational wave data

Monday, 13 November 2023 14:35 (35 minutes)

Presenter: Prof. FAIRHURST, Stephen

Contribution ID: **8** Type: **not specified**

Atom Interferometry Long-Baseline Systematics and Environmental Noise

Monday, 13 November 2023 15:50 (35 minutes)

Presenter: Dr MITCHELL, Jeremiah

Contribution ID: **9** Type: **not specified**

Roundtable discussion

Monday, 13 November 2023 16:25 (50 minutes)

Primary authors: Dr SCHLIPPERT, Dennis; Prof. DAW, Ed; Prof. DOOLEY, Kate; Dr NUTTALL, Laura

Presenters: Dr SCHLIPPERT, Dennis; Prof. DAW, Ed; Prof. DOOLEY, Kate; Dr NUTTALL, Laura

Contribution ID: **10** Type: **not specified**

Closing remarks

Monday, 13 November 2023 17:15 (15 minutes)