

GWADW2021 Gravitational Wave Advanced Detector Workshop

Monday, 17 May 2021

Scattered light workshop: Hour 1 (23:00 - 23:59)

-Conveners: Andreas Freise; Alena Ananyeva

time	[id] title	presenter
23:00	[117] Summary of Stray Light Mitigation Strategies at 2G interferometers	MARTINEZ PEREZ, MARIO
23:15	[16] Instrumented baffle for Virgo input mode-cleaner end-mirror	MIR, Lluïsa-Maria
23:30	[107] Microstructuring and high-absorption coatings for scattered light reduction	Mrs FU, Cailing

Tuesday, 18 May 2021

Scattered light workshop: Hour 2 (00:00 - 01:00)

-Conveners: **Andreas Freise; Alena Ananyeva**

time	[id] title	presenter
00:00	[116] PhaseTrace -- Towards a user friendly scattered light simulation	BRETZ, Thomas
00:15	[127] Stray light from dust in Virgo	D'ANGELO, Beatrice
00:30	[109] Scattered light study in Advanced Virgo Plus	POLINI, Eleonora
00:45	[170] Scattered light discussion	

Wednesday, 19 May 2021

Scattered light workshop: Hour 3-4 (06:00 - 08:14)

-Conveners: **Andreas Freise; Alena Ananyeva**

time	[id] title	presenter
06:00	[166] Efforts to Mitigate the Effects of Stray Light in the LISA Telescope	AUSTIN, Corey
06:15	[126] Stray light in the LISA mission: perturbation of an interferometer readout due to back-scattering from an optics and from the backlink optical fibre	ROHR, Johann Max LINTZ, Michel
06:30	[165] Stray light control upgrades for LIGO 4th Observation run	ANANYEVA, Alena
06:45	[110] Stray-light control in KAGRA	AKUTSU, Tomotada
07:00	[19] Characterization of light scattering point defects in gravitational wave detector coating layers	SAYAH, Sihem
07:15	[125] Light scattering noise in Cosmic Explorer	VAJENTE, Gabriele SMITH, Joshua
07:30	[128] Introducing Balanced Homodyne Detection for the O5-run of LIGO	WEBSTER, Stephen
07:45	[169] Scattered light discussion	