



# 3rd Workshop on Low Emittance Lattice Design - LEL 2022

## Tuesday, 28 June 2022

### Collective effects for LEL - Maxwell Auditorium (14:30 - 15:45)

-Conveners: Ryutaro Nagaoka

time	[id] title	presenter
14:30	[24] Overview of collective effects and their mitigation in ultra low-emittance light source rings	CHAE, Yong
14:55	[25] Review of bunch lengthening with harmonic cavities in ultra low-emittance light source rings, their impact on beam collective effects and future directions	CULLINAN, Francis
15:20	[27] Diamond-II: Impedance database, calculation of single and multi-bunch instability thresholds / rise times, ion effects and the impact of a passive super-conducting harmonic cavity	OLSSON, Teresia

### Collective effects for LEL - Maxwell Auditorium (16:15 - 17:05)

-Conveners: Ubaldo Iriso Áriz

time	[id] title	presenter
16:15	[45] Impedance and collective effects of HEPS storage ring (remote)	WANG, Na
16:40	[46] Combined simulation of space-charge, IBS and damping/cooling for low emittance rings and beyond	ZAMPETAKIS, Michail