

3rd Workshop on Low Emittance Lattice Design - LEL 2022

Monday, 27 June 2022

LEL Design concept - Maxwell Auditorium (09:30 - 10:45)

-Conveners: Francis Pérez

| time | [id] title | presenter |
|-------|-------------------------------|---------------------|
| 09:30 | [5] MAX IV: lessons learned | SJÖSTRÖM, Magnus |
| 09:55 | [35] ESRF-EBS lessons learned | CARMIGNANI, Nicola |
| 10:20 | [8] PETRA IV progress | BARTOLINI, Riccardo |

LEL Design concept - Maxwell Auditorium (11:15 - 12:55)

-Conveners: Simon Leemann

| time | [id] title | presenter |
|-------|---------------------------------------------------------------------------------------------------------------------|---------------------|
| 11:15 | [10] HALF progress (remote) | BAI, Zhenghe |
| 11:40 | [37] Diamond-II progress | MARTIN, Ian |
| 12:05 | [38] Six bend higher order achromat lattice for ALBA-II | BENEDETTI, Gabriele |
| 12:30 | [39] ALS-U: highest brightness soft x-rays in just 200 m through an ultra-dense 9BA and extensive MOGA optimization | SUN, Changchun |

LEL Design concept - Maxwell Auditorium (14:30 - 14:55)

-Conveners: Masamitsu Aiba

| time | [id] title | presenter |
|-------|--------------------------------------|-----------|
| 14:30 | [36] Sirius lessons learned (remote) | LIU, Lin |

LEL Design concept - Maxwell Auditorium (17:05 - 17:30)

-Conveners: Akira Mochihashi

| time | [id] title | presenter |
|-------|--------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 17:05 | [43] Latest ultra low-emittance lattice designs following the stream of the ESRF-EBS hybrid lattice, and future scope (remote) | RAIMONDI, Pantaleo |

Tuesday, 28 June 2022

LEL Design concept - Maxwell Auditorium (09:00 - 10:40)

-Conveners: Yannis Papaphilippou

| time | [id] title | presenter |
|-------|-----------------------------------------------------------------------------------------|-----------------------|
| 09:00 | [15] Elettra 2.0 progress | KARANTZOULIS, Emanuel |
| 09:25 | [16] Low emittance lattice design with variable long. field dipoles for ELETTRA upgrade | POYET, Axel |
| 09:50 | [49] 7BA-4BA HOA lattice developed for the SOLEIL upgrade | NAGAOKA, Ryutaro |
| 10:15 | [44] BESSY III progress | GOSLAWSKI, Paul |

LEL Design concept: Design concepts - Maxwell Auditorium (11:10 - 11:35)

-Conveners: Lin Liu

| time | [id] title | presenter |
|-------|-----------------------------------------------------|----------------|
| 11:10 | [19] Deterministic design of multibend HOA lattices | KUSKE, Bettina |

Wednesday, 29 June 2022

LEL Design concept - Maxwell Auditorium (09:00 - 09:25)

-Conveners: Akira Mochihashi

| time | [id] title | presenter |
|-------|--------------------|--------------|
| 09:00 | [51] HALF progress | BAI, Zhenghe |