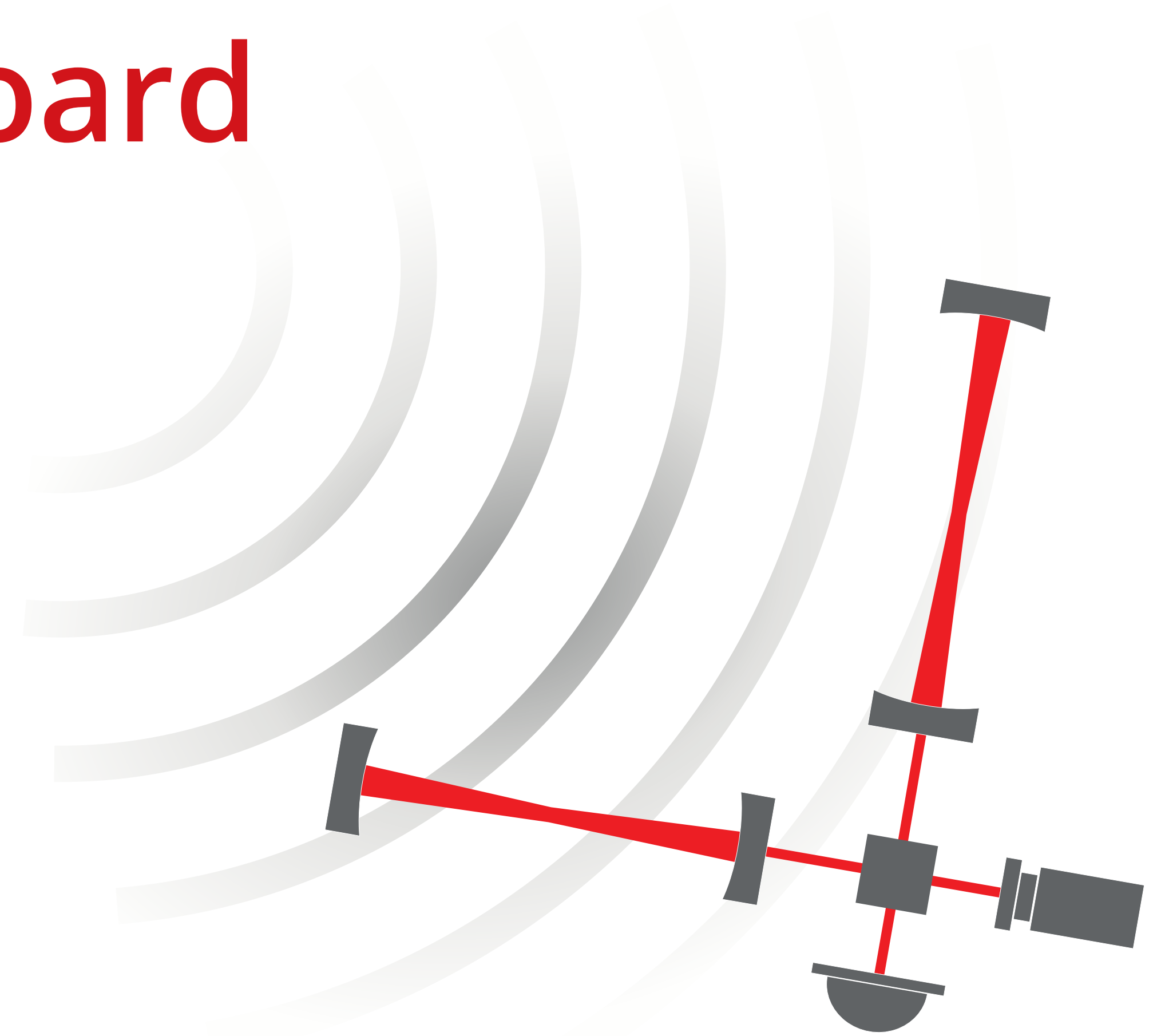


Einstein Telescope Instrument Science Board Workshop

Andreas Freise and Gianluca Gemme
29.03.2021
ET document number: ET-0299A-21



Your first contact with the ISB?

See previous talks about what the ISB is and does:

- <https://apps.et-gw.eu/tds/ql/?c=16007>
- <https://apps.et-gw.eu/tds/ql/?c=15748>
- <https://apps.et-gw.eu/tds/ql/?c=15719>
- <https://apps.et-gw.eu/tds/ql/?c=15652>

What is happening now:

- support the 'ESFRI interview team' with material (now)
- compile list of required R+D (before summer 2021)
- define structure and start work on 'light technical design' document (2022/2023)

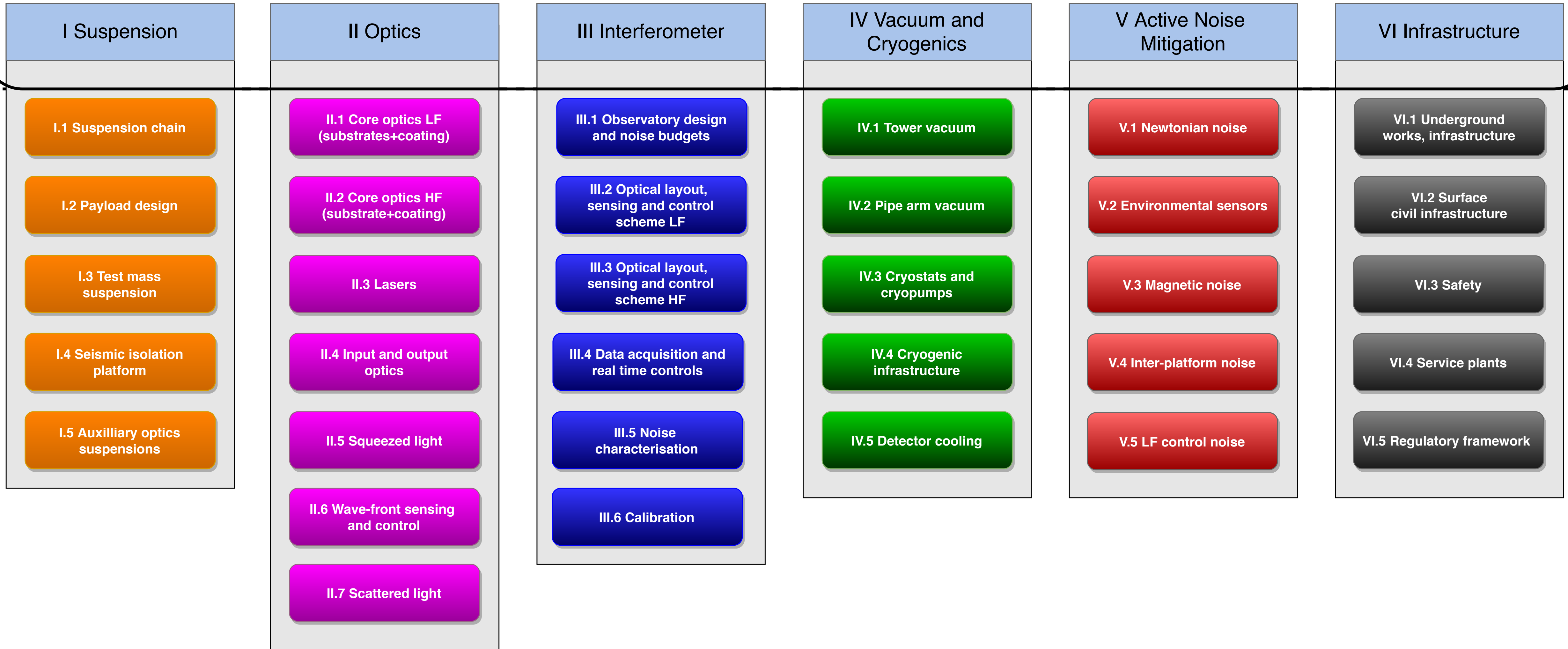
Resources

- Document codifier and server (TDS): <https://apps.et-gw.eu/tds/>
- Wiki: <https://wiki.et-gw.eu/>
- Gitlab: <https://gitlab.et-gw.eu>
- Mattermost: <https://mattermost.et-gw.eu>
- Mailing lists: <http://mail.ego-gw.it/mailman/listinfo>

Instrument science board

System design office (3-5 persons)

Technical coordination office



Hands-on Workshop

- Two half days to get **people working together** on a few specific questions
- Such workshops have been used with great success to make **significant progress in a short time**
- This also helps to **initiate team work** between different people and working groups (forming horizontal connections)
- The aim: to produce **new, concrete outcomes by Wednesday afternoon**, for example noise curves, lists of requirements, specific R+D tasks, ...

Schedule

- Day 1: <https://wiki.et-gw.eu/ISB/ISBWorkshopConnectionDay1>
- Day 2: <https://wiki.et-gw.eu/ISB/ISBWorkshopConnectionDay2>

Day 1, Monday

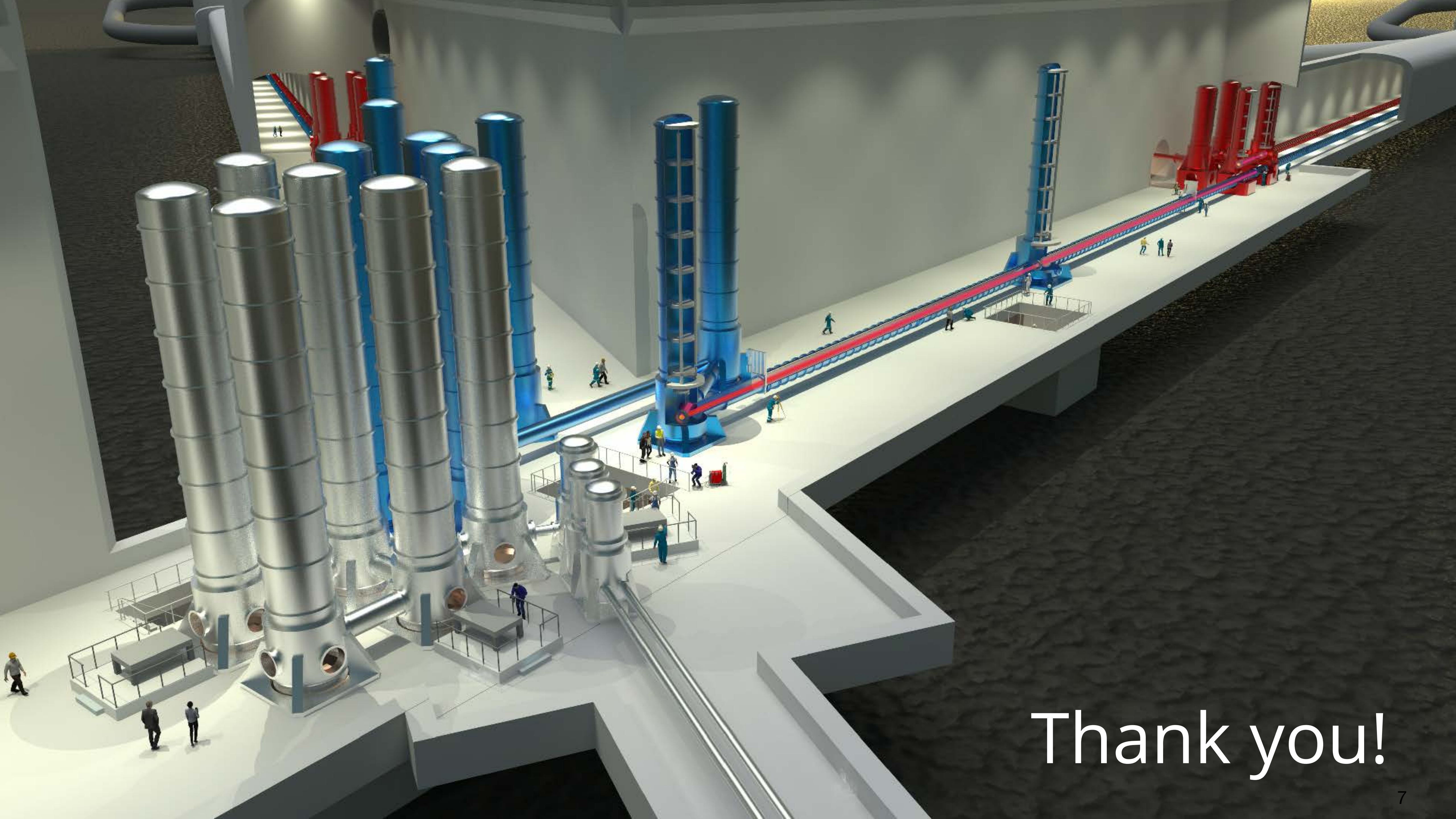
09:00 → 10:00	Joint session: Introductory talks Conveners: Andreas Freise (VU Amsterdam), Gianluca Gemme
09:00	Mirror temperature Speaker: Steffen Grohmann (KIT, Germany)
09:20	Low frequency noise Speaker: Conor Mow-Lowry
09:40	Facility limits Speaker: Stefan Hild
10:00 → 10:45	Joint session: Discussion Conveners: Andreas Freise (VU Amsterdam), Gianluca Gemme
10:45 → 11:00	
11:00 → 13:00	Parallel session 1: Mirror temperature Conveners: Fulvio Ricci (University of Rome 'La Sapienza' and INFN),
11:00 → 13:00	Parallel session 2: Low frequency noise Conveners: Conor Mow-Lowry (VU Amsterdam), Francesco Fide
11:00 → 13:00	Parallel session 3: Facility limits Conveners: Maria Marsella (University of Rome 'La Sapienza'), Stef



Homework, self-organised meetings, ...

Day 2, Wednesday

09:00 → 11:00	Parallel session 1: Mirror temperature Conveners: Fulvio Ricci (University of Rome 'La Sapienza' and INFN),
09:00 → 11:00	Parallel session 2: Low frequency noise Conveners: Conor Mow-Lowry (VU Amsterdam), Francesco Fide
09:00 → 11:00	Parallel session 3: Facility limits Conveners: Maria Marsella (University of Rome 'La Sapienza'), Stef
11:00 → 11:15	
11:15 → 12:15	Joint session: Summaries from the parallel sessions Conveners: Andreas Freise (VU Amsterdam), Gianluca Gemme
11:15	Mirror temperature
11:35	Low frequency noise
11:55	Facility limits
12:15 → 13:00	Joint session: Discussion Conveners: Andreas Freise (VU Amsterdam), Gianluca Gemme



Thank you!