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Type: **Oral presentation (preferred)**

The European XFEL after 6 years of operation - a status report

Tuesday, 28 May 2024 10:00 (20 minutes)

An overview of the performance of the EuXFEL after more than 6 years of operation is given. The second part deals with the challenges with regard to radiation protection. These arise mainly from the high average power of the electron beam of a maximum of 300 kW per main absorber and the high energy content of the X-ray pulses of up to 10 mJ.

Scientific Topic 1

Source terms, new accelerator facilities and related topics

Scientific Topic 2

Scientific Topic 3

Scientific Topic 4

Scientific Topic 5

Scientific Topic 6

Scientific Topic 7

Scientific Topic 8

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Session Classification: Session 1 - Source terms, new accelerator facilities and related topics

Track Classification: Source terms, new accelerator facilities and related topics