



Contribution ID: 166 Contribution code: TUP32

Type: Contributed Poster

Facility Concept Outlines for a UK XFEL

Tuesday, 23 August 2022 17:40 (20 minutes)

In early 2019, the UK initiated a project to develop the science case for a UK XFEL, featuring a diverse team of UK scientists and international advisors. Accelerator scientists were engaged to highlight potential future accelerator developments and to develop concept outlines for a facility design meeting the requirements for world-leading capabilities. The UK XFEL Science Case, featuring the concept outlines, was published in late 2020. Subsequent exercises further demonstrated the support of the UK community and the project is anticipated to enter a more detailed design phase. The concept outlines are reviewed and potential next steps are outlined.

I have read and accept the Privacy Policy Statement

Yes

Primary authors: DUNNING, David (Science and Technology Facilities Council); CLARKE, James (Science and Technology Facilities Council); COWIE, Louise (Science and Technology Facilities Council); THOMPSON, Neil (Science and Technology Facilities Council); WILLIAMS, Peter (Science and Technology Facilities Council); COLLIER, Jon (Central Laser Facility, STFC Rutherford Appleton Laboratory); GREEN, James (Central Laser Facility, STFC Rutherford Appleton Laboratory); MARANGOS, Jon (Imperial College London)

Presenters: DUNNING, David (Science and Technology Facilities Council); CLARKE, James (Science and Technology Facilities Council); COWIE, Louise (Science and Technology Facilities Council); THOMPSON, Neil (Science and Technology Facilities Council)

Session Classification: Tuesday posters

Track Classification: Novel acceleration and FEL concepts