



# UK XFEL Townhall - Fundamental Physics, Quantum Computing and AI

## Thursday, 18 January 2024

### Session 3 - Babbage 003 (15:45 - 17:30)

-Conveners: Shakil Awan

time	[id] title	presenter
15:45	[21] Towards a FEL-based "fundamental physics" facility	Prof. BOOGERT, Stewart
16:00	[6] Applying AI to complex problems in the physical sciences	Dr SANCHEZ GONZALEZ, Alvaro
16:30	[7] Challenges and Opportunities from Electronic Structure Calculations of Systems at the Nanoscale	Dr GENOVESE, Luigi
17:00	[13] Real-time visualization of conical intersections in biomolecules using XFELs	Dr CERULLO, Giulio