

RUEDI NEWSLETTER

5-YEAR PROJECT TO ESTABLISH A NEW CAPABILITY

An ultrafast electron scattering national facility driving world leading innovations in Biosciences, Dynamics of Chemical Changes, Energy, Materials Under Extreme Conditions, Quantum Processes and Artificial Intelligence

MAIN BENEFITS

Unprecedented experimental facilities in key areas:

- ❖ Clean energy (solar, wind, nuclear & batteries), pharmaceuticals, catalysis, medical/hyperspectral imaging, nanotechnology, quantum computing, AI.

GLOBALLY UNIQUE

The only high brightness ultrafast electron imaging facility in the world and the fastest diffraction facility – coordinated hub-and-spoke model linking to key instruments at partner and other national infrastructures.

World-leading time resolution for diffraction ^ imaging.



SUBMISSION TO UKRI FOR FULL INFRASTRUCTURE FUNDING

JULY 2023

Partnering with EPSRC

Strategic drivers - construction of an experimental ecosystem becoming part of the UK's evolving research infrastructure

ONGOING ACTIVITY

TECHNICAL DESIGN REVIEW - submission Nov23
ECOSYSTEM DEVELOPMENT

WEBSITE & SOCIAL MEDIA PRESENCE

STAKEHOLDER ENGAGEMENT

POTENTIAL USERS ENGAGEMENT

USER ACCESS MODEL DEVELOPMENT

STRATEGIC EQUIPMENT CALLS

ACCESSIBLE USER FACILITY

Research, Commercial, Classified

Equality, Diversity & Inclusion (EDI) embedded throughout RUEDI's structure, philosophy and operations

Driven by scientific need

Further information at:

www.ruedi.uk

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