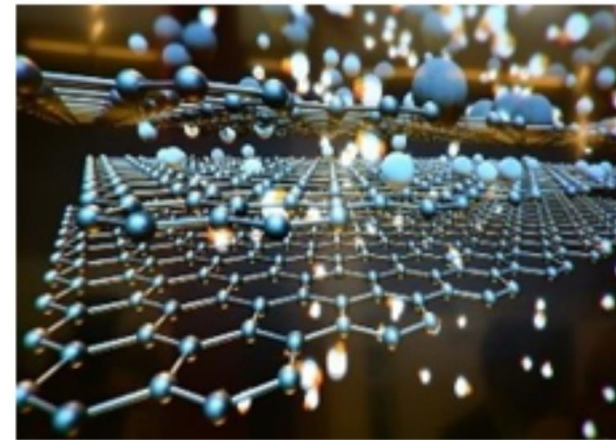
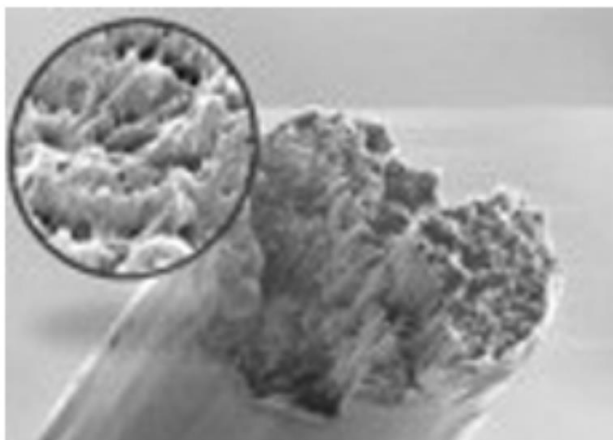
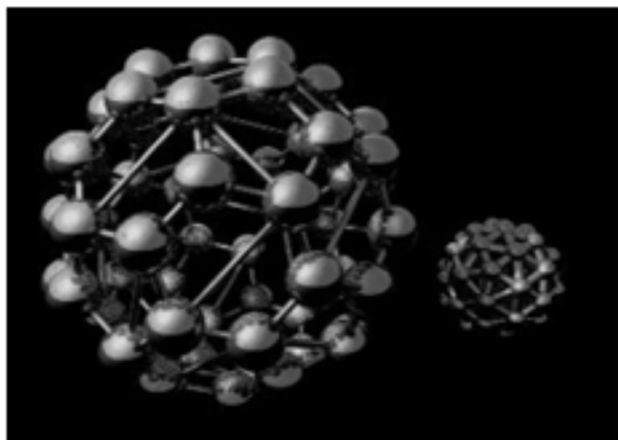


Overview

Materials are being developed that are stronger, lighter, and more functional than conventional materials. The potential of exploiting a wider range of pressure could provide a path to scientific and technical breakthrough in the form of entirely new materials. With advances in nanotechnology and ever more extreme environmental conditions that can be realised in a laboratory setting, new materials and material combinations seem endless.

This event will bring together working groups around three themes: materials in the energy sector, materials in laboratory astrophysics, and materials engineering. Keynote talks and focused discussions groups will inform the design and scientific case for [RUEDI](#).



RUEDI Town Hall Meeting - Materials in Extremes

21 July 2022, The Cockcroft Institute

Agenda

09:30 – 10:00	Registration
10:00 – 10:10	Welcome
10:10 – 10:45	RUEDI - Scientific goals
10:45 – 11:15	Keynote speaker: Dr Jack Haley
11:15 – 11:45	Coffee break
11:45 – 12:15	Keynote speaker: Dr John E. Proctor
12:15 – 12:45	Keynote speaker: Prof Gianluca Gregori
12:45 – 13:45	Group photo and lunch
13:45 – 14:00	Introduction of working groups and targets
14:00 – 15:30	Working groups: Energy, Laboratory Astrophysics and Materials Engineering
15:30 – 16:00	Coffee break
16:00 – 17:00	Discussion
17:00	Closing remarks



How to get to the Cockcroft Institute?

The Cockcroft Institute (CI) is based at Daresbury Laboratory, located at the Sci-Tech Daresbury campus, which is based in the Liverpool city region.

[Find the Cockcroft Institute on Google Maps](#)

Sci-Tech Daresbury is located close to junction 11 of the **M56**, between Runcorn and Warrington.

With four **train** stations nearby (Warrington Central, Warrington Bank Quay, Runcorn and Runcorn East) there are a few options for accessing regional and national rail services. It is then a short onward journey to get to Sci-Tech Daresbury, whether by bus, taxi or bike.

Bus services available from Sci-Tech Daresbury are [X30](#) and [200](#) (operated by Arriva) and [62A](#) (operated by Warrington's Own Buses).

More information on travel by train or bus can be found on the [Sci-Tech Daresbury Travel Hub](#) webpage.

Meeting venue

The Cockcroft Institute

Walton Room - A Block
Daresbury Laboratory
Keckwick Ln
Warrington
WA4 4AD

In case of an emergency

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**We look forward to welcoming you to
the Cockcroft Institute!**