FUSION ENERGY CAFÉ

Twilight Event at the Fusion Energy Café

We are delighted to be hosting the first Twilight event for the local community at the Fusion Energy Café, Worksop.

Guest speakers Jenny Cane (Product Development Team Leader, UK Industrial Fusion Solutions) and Heather Lewtas (Head of Innovation, UKAEA) will deliver insightful presentations on the current situation and challenges with advancing the development of fusion power. They will be delighted to share the attendees the fusion journey so far and talk about the developments and activities at the STEP programme at West Burton.

We welcome all to the event and hope that you find it both informative and engaging. There will be lots of opportunities to exchange ideas and ask any questions you may have.

Date: **Thursday 30th January 2025**
Time: **5.30pm – 7pm**
Venue: **The Fusion Energy Café, Bridge Skills Hub, Bridge Place, Worksop, S80 1DT**
RSVP: **To book your place visit fusion-twilight-event.eventbrite.co.uk**

Heather Lewtas is the Head of Innovation at the United Kingdom Atomic Energy Authority (UKAEA) whose mission is to lead the delivery of sustainable fusion energy and maximise scientific and economic impact. The Innovation department works with all the teams across UKAEA from plasma physics to material science, advanced computing to robotics to develop opportunities to use fusion technology in other sectors. Our aim is to show how solving fusion challenges creates benefits for space, medical, quantum and beyond.

Jenny Cane is the Tokamak Product Engineering Manager for the STEP programme – the UK's major technology and infrastructure programme to build a prototype fusion powerplant on the site of the old West Burton power station. The STEP prototype fusion powerplant will demonstrate net energy, fuel self-sufficiency and a viable route to plant maintenance, which will pave the way for the potential development of a fleet of future fusion powerplants around the world and the commercialisation of fusion energy. Jenny leads the team that is responsible for designing and realising the parts of the STEP fusion powerplant that create and control the fusion plasma; in addition to extracting the heat from the fusion process to enable electricity generation.

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