

Chris Harrington

Chris Harrington is the Thermal Hydraulics Group Leader at the UK Atomic Energy Authority (UKAEA) and the Outboard Technology Development Lead for the UKAEA's STEP (Spherical Tokamak for Energy Production) programme.

Chris has led and contributed to projects encompassing power plant integration, balance of plant optimisation, breeder blanket design, chemistry & corrosion testing, and reliability analysis for fusion prototype power plant programmes including EU-DEMO and STEP. He specialises in thermal hydraulic challenges of fusion power, including component design and system-level engineering and now leads a team focused on maturing thermofluid technologies through integrated state-of-the-art simulation and testing.

Chris obtained a BSc in Natural Sciences from Durham University before completing a MPhil in Nuclear Energy from the University of Cambridge. He joined UKAEA in 2013 with a background in nuclear fission technologies, working specifically to exploit fusion-fission reactor synergies.