

iFPC & OS 2023

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Robert Skilton

UKAEA-RACE, UK

Biography

- Rob Skilton is the UK Atomic Energy Authority's Robotics Fellow. He leads collaborative research with industry and academia research at RACE (Remote Applications in Challenging Environments), the Authority's robotics division. With the team at RACE, Rob is developing the essential remote maintenance and autonomous systems for nuclear fusion and decommissioning.
- RACE (Remote Applications in Challenging Environments) is the UK Atomic Energy Authority's robotics department. It's the world's leading fusion robotics laboratory, and designs, builds and tests robotic solutions for complex remote maintenance challenges in fusion and beyond.
- Rob has been working in robotics for fusion energy and nuclear decommissioning for over 10 years and has been deeply involved in UK and international fusion and decommissioning research programmes. He led various activities within the Robotics and AI for Nuclear (RAIN) Hub as well as developing and leading technical aspects of the LongOps programme, a £12M UK-Japan collaboration on digital tools to de-risk robotic decommissioning operations. Rob currently leads the robotics and remote maintenance research activities within the UK Magnetic Fusion Research programme.