



# Technical Tour

## Nuclear Advanced Manufacturing Research Centre

**7 June 2018**

Nuclear AMRC

University of Sheffield

Advanced Manufacturing Park

Brunel Way, Rotherham, S60 5WG

### SEMINAR OVERVIEW

The YGN are pleased to present the first event of 2018 in our Technical Tour series. We will be offering a limited number of young nuclear professionals the opportunity to attend a site visit of the Nuclear AMRC's open-plan 5000 m<sup>2</sup> workshop containing over £30M worth of state-of-the-art manufacturing equipment, as well as the newly built Factory 2050 which focuses on developing future manufacturing technologies. Learn about Nuclear AMRC's capability for innovative and optimised processes in machining, welding and large-scale manufacture.

This event is free with preference given to NI YGN members should the tour reach capacity.

Transport not included. Please contact [YGNTechnicalTours@nuclearinst.com](mailto:YGNTechnicalTours@nuclearinst.com) for more information or to book your place.

### Schedule

- 09:00** Welcome and refreshments, including an overview of Nuclear AMRC
- 10:00** Tour of workshop – see the factory floor designed for working on production-scale technology demonstrators and what constitutes the state-of-the-art equipment
- 10:45** Virtual reality demonstration – take part in an interactive demo of virtual reality modelling
- 11:30** Tour of Factory 2050 – see Nuclear AMRC's research into future technologies, including robotics and automation, digitally assisted assembly and manufacturing informatics
- 12:15** Depart site