

SOUTHERN COUNTIES BRANCH of The Welding Institute

Thursday 19th September

18:30 Through thick and thin - the electron beam way

Speaker: Mike Nunn - TWI Limited

Electron beams are a versatile and controllable heat source which are known for making very narrow, high integrity welds for the assembly of aero turbine engines, automotive turbochargers and similar products. From thin foils right up to heavy section structures for the power industry, the process can deliver fantastic single-pass productivity. Mike will cover conventional in-chamber EB welding and processing, as well as the growing focus of research to allow EB welding to escape the constraints of the vacuum chamber and address large structures.

Mike Nunn, is a Chartered Engineer and Fellow of both The Welding Institute and the Institution of Mechanical Engineers, with extensive experience of advanced welding process research, development and consultancy.



EB welded niobium RF cavity for US mega-science project 'DUNE PIP-II'
(courtesy of Fermilab USA).

ENROLMENT

To enrol please go to

<https://www.theweldinginstitute.com/member-benefits/branches/southern-counties-branch/>

And click on the event to enrol.

Light refreshments served at 18:30 and bar available.

Venue: - The Good Companions, 119 Eastleigh Road, Eastleigh, Hampshire, SO50 9DS