

**MIDAS Programme Launch****12<sup>th</sup> September 2019****Seminar Space, 3<sup>rd</sup> Floor, National Graphene Institute, University of Manchester  
Booth Street East, M13 9SS**

09.30	<b>Arrival and Coffee</b>	
10.00	<b>Welcome and Overview of the Day</b>	Michael Preuss <i>University of Manchester</i>
10.15	<b>BOR-60 Irradiation Campaign</b>	Suresh Yagnik <i>EPRI</i>
10.30	<b>MIDAS: Introduction, the Research Team, and Work So-Far</b>	Michael Preuss <i>University of Manchester</i>
11.00	<b>Handling Active Material – Capabilities at the National Nuclear Laboratory</b>	Jonathan Hyde <i>NNL</i>
11.15	<b>Handling Active Material – Capabilities at the Materials Research Facility</b>	Steven van Boxel <i>MRF</i>
11.30	<b>Q&amp;A on Handling Active Materials</b>	
12.00	<b>Lunch and Posters</b>	
12.30	<b><i>Optional Tour – Henry Royce Characterisation Facilities at Manchester</i></b>	
13.30	<b>Key Challenge 1: Evolution of Irradiation Damage</b>	Chris Race <i>University of Manchester</i>
13.45	<b>Key Challenge 2: Effect of Irradiation on Deformation and Micromechanics</b>	Michael Preuss <i>University of Manchester</i>
14.00	<b>Key Challenge 3: Environmental Degradation</b>	Chris Grovenor <i>University of Oxford</i>
14.15	<b>Key Challenge 4: Failure Mechanisms</b>	Mark Wenman <i>Imperial College, London</i>
14.30	<b>Coffee</b>	
15.00	<b>Panel: Discussions and Feedback on Key Challenges</b>	Key Challenge Leads
15.30	<b>Zirconium High-Entropy Alloys</b>	Sandy Knowles <i>University of Birmingham</i>
15.45	<b>Growing the MIDAS Community</b>	Aidan Cole-Baker <i>Wood</i>
16.00	<b>Summary and close</b>	Michael Preuss <i>University of Manchester</i>
16.10	<b>Wine reception and Posters</b>	