

Catapult Researcher in Residence (RiR) Programme: Opportunity Description

Transition of Science into Applications to Support the UK High Value Manufacturing Sector

Name of the Catapult(s)	High Value Manufacturing Catapult
Location(s)	At one or more of the 7 HVMC centres (see https://hvm.catapult.org.uk/hvm-centres/)
Description of the Catapult(s)	<p>The High Value Manufacturing Catapult is one of a network of elite technology and innovation centres established by Innovate UK as a long-term investment in the UK's economic capability.</p> <p>HVM Catapult is the catalyst for the growth and success of UK advanced manufacturing. Our 7 centres offer access to world-class equipment, expertise and collaborative opportunities. We work with manufacturing businesses of all sizes and from all sectors. We help turn ideas into commercial applications by addressing the gap between technology concept and commercialisation.</p>

<p>Description of the Challenge</p>	<p style="text-align: center;">Transition of Science into Applications to Support the UK High Value Manufacturing Sector</p> <p>Sustaining and growing a vibrant UK manufacturing sector is a key enabler for a successful post-Brexit Britain. Gaining competitive advantage through increased productivity, increased market attractiveness and a workforce with the requisite skill sets will make this possible. The UK Gov't is investing heavily in innovation as described in the industrial strategy white paper</p> <p>https://www.gov.uk/government/publications/industrial-strategy-building-a-britain-fit-for-the-future</p> <p>With these factors in mind, HVMC is especially interested in attracting leading edge researchers to work with its in-house teams on studies that support the Industrial Strategy via the following key themes :-</p> <ul style="list-style-type: none"> • Digital manufacturing • Robotics and automation • Materials processing and new materials • Process engineering, biotechnology and biologics • Product design & verification <p>In addition, the generation, application and sharing of knowledge is a key facet of the HVMC mission. Relevant expertise and ideas in this area would also be welcomed.</p> <p>Further information on the scope and capabilities of HVMC and its seven constituent centres is available via the HVMC website and via the associated links into the centre websites.</p> <p>Potential applicants are strongly encouraged to engage with HVMC at the earliest opportunity whilst shaping their submission.</p> <p>HVMC is looking to make a minimum of 3 appointments.</p>
<p>Researcher Specification</p>	<p><i>As in application guidelines</i></p>
<p>Other Details</p>	<p><i>As in application guidelines</i></p>
<p>Closing Date for Applications</p>	<p>17:00 (GMT) Friday, 21 September 2018</p>