



Candidate Information

Position:	Senior Engineers - Digital Transformation
School/Department:	AMIC
Reference:	26/113122
Closing Date:	Monday 16 February 2026
Salary:	£41,519 - £49,536 per annum
Anticipated Interview Date:	Thursday 26 February 2026
Duration:	3 years

JOB PURPOSE:

The DigitAI ManufacTURING Transformation PlatforM (DATUM) project is focused on engaging with companies in the management and expansion of applied research, innovation and knowledge transfer in Digitised Manufacturing and Industry 4.0. It is a project supported by PEACEPLUS (Innovation Challenge Fund) managed by the Special EU Programmes Body (SEUPB), and is delivered by AMIC in partnership with Irish Manufacturing Research (IMR).

As part of DATUM, the post holder will support the engagement with manufacturing companies, assessing their Digital Maturity and, with them, develop Digital Transformation Plans to inform the development and delivery of Collaborative Innovation projects.

We are seeking a team-player and excellent communicator who is passionate about accelerating digital transformation within SME (Small and Medium-sized Enterprises) within the DigitAI ManufacTURING Transformation PlatforM (DATUM) project through engaging and consulting with companies and in the management and expansion of applied research, innovation and knowledge transfer in Digitised Manufacturing and Industry 4.0.

AMIC - a £100M investment through the Belfast Region City Deal - is a collaborative, innovative powerhouse of advanced manufacturing set to elevate our region globally.

We are supporting economic growth and prosperity for Northern Ireland by creating high quality jobs and increasing inward investment through high value manufacturing innovation clusters.

We are driving industrial transformation, paving the way for future technologies and competing globally with a more sustainable focus.

When you join our team, you will have access to the latest advanced industrial technologies, and have the opportunity to grow and develop as an engineer and technology leader. Our mission is to provide you with the environment to innovate and create impact.

Our team of experienced staff has core capabilities in digitalising manufacturing, smart design, sustainable polymers & composites and nanotechnologies & photonics. We're excited to be expanding the team throughout 2026.

MAJOR DUTIES:

1. As part of the DATUM project, engaging with Manufacturing companies, applying leading frameworks and tools to evaluate a manufacturer's digital maturity across process, technology and organisation.
2. To identify opportunities for improvement – pinpointing specific priority areas of manufacturing can lead to the most improvements.
3. Developing tailored Digital Transformation Roadmaps for the manufacturers participating on the DATUM project, to outline the steps needed to meet their Industry 4.0 goals.
4. With support from the AMIC technical team provide expert advice on priority technologies and processes and inform the development and delivery of Collaborative Innovation projects within DATUM.

ESSENTIAL CRITERIA:

1. Honours Degree, or equivalent, in relevant discipline.
2. Relevant experience in engaging and consulting with or within manufacturing companies, and assessing their digital capabilities, identifying opportunities for improvement and providing advice and support on technology and process solutions.
3. Experience in executing multifaceted industrial focused projects within deadlines and budget, displaying strong and effective resource management abilities.
4. Experience in contributing to and creating presentation materials and in presenting materials and engaging with companies.
5. Experience of methodologies and approaches to measure current capability within a manufacturing environment.
6. Experience that demonstrates extensive breadth of knowledge in operational environments and supporting functions.
7. Experience of collaborative working in multidisciplinary teams.
8. Ability to communicate complex information to range of audiences through effective written reports and presentations, adjusting approach to meet audience needs.
9. Ability to build effective and productive relationships and interact with others including senior academic staff, and senior industry and government executives.
10. Strong problem-solving skills in a complex industrial environment.
11. Some working outside of standard working times and national or international travel may be required to meet the responsibilities of the post and needs of stakeholders. It should be possible to plan and schedule for this activity 90% of the time.

DESIRABLE CRITERIA:

1. Postgraduate and/or professional qualification in a relevant discipline.
2. Experience of working with international OEMs and SMEs.
3. Understanding theory and demonstrated application of process mapping, Lean thinking and modern manufacturing philosophies.
4. Experience in the application of commercial digital manufacturing/simulation software tools.
5. Familiarity with process cost estimating / modelling, costing philosophies.
6. Experience with manufacturing automation.
7. Familiarity in the theory and application of Artificial Intelligence in a manufacturing environment.
8. Experience in building and developing teams.

ADDITIONAL INFORMATION:

The above post will be under the leadership and direction of the Digital Transformation Lead.

DATUM is a project supported by PEACEPLUS, a programme managed by the Special EU Programmes Body (SEUPB).