

Candidate Information

Position: Digital Transformation Lead
School/Department: AMIC
Reference: 25/113045
Closing Date: Monday 5 January 2026
Salary: £51,016 - £62,695 per annum
Anticipated Interview Date: Thursday 15 January 2026
Duration: 3 years

JOB PURPOSE AND IMPACT

The DigitAl ManufacTuring Transformation PlatforM (DATUM) project is focused on engaging with companies in the management and expansion of applied research, innovation and knowledge transfer in Digital 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).

We are seeking a team-player who is passionate about innovative technology to play a major role in the DigitAl 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 Digital Manufacturing and Industry 4.0.

You will lead 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. You will work with teams of engineers and technicians in the development of project-related activities across AMIC to deliver impact to SME's in relation to Digital Manufacturing and Industry 4.0, within the DATUM project.

This requires working in collaboration with different technology areas, technology providers, national technology centres, academia and industry to deliver the DATUM project.

AMIC

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.

MAJOR DUTIES

Engaging with, and assessing manufacturing companies:

1. 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. Lead the team on the development of tailored Datum Digital Transformation Roadmaps for the manufacturers to outline the steps needed to meet their Industry 4.0 goals.
4. With the support of the AMIC technical team provide expert advice on priority technologies and processes and inform the development and delivery of Collaborative Innovation projects within Datum.

Internal and External Relationships:

5. Assist with developing relationships with customers, suppliers and industry leaders.
6. Participate in external activities related to specialisation.
7. Liaising with project partners.
8. Coordinating and liaising with other members of project teams over work progress.

Building collaboration and partnerships:

9. Develop strong relationships internally and externally to the University especially with key support staff who will contribute to DATUM.
10. Support and inform the creation of new cross-disciplinary collaborative innovation projects as part of DATUM.
11. To initiate, develop and manage R&D links with industry nationally and internationally as part of DATUM.

Planning and Organising:

12. Plan own work to meet given objectives and processes.
13. Plan, schedule and monitor work activities in order to meet time and quality targets.
14. Plan for the use of research resources and laboratories where appropriate.

Resource Management and Other Responsibilities:

15. Responsibility for a significant area of work, including technical, financial and quality aspects.
16. Ensure research and development resources, necessary for the Datum project, are used in an effective and efficient manner.
17. Provide guidance as required to staff and any students who may be assisting with research projects.
18. Any other duties commensurate with the role that may reasonably be requested by management.

ESSENTIAL CRITERIA

1. Honours Degree, or equivalent.
2. Substantial relevant experience engaging with industry/companies/stakeholders.
3. Relevant experience initiating, executing and managing multifaceted projects within deadlines and budget, displaying strong and effective resource management abilities.
4. Experience in contributing to and creating presentation materials and presenting materials to senior leadership and all other levels within an organisation.
5. Experience of collaborative working in multidisciplinary teams.
6. Experience assisting in securing revenue or funding to support the activities of the research group.
7. Ability to communicate complex information to range of audiences through effective written reports and presentations, adjusting approach to meet audience needs.
8. Ability to build effective and productive relationships and interact with others including senior academic staff, and senior industry and government executives.
9. Strong problem-solving skills in a complex environment.
10. 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 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

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