Digital Twins Network Plus ECR SIG Representative Job Description

Role: Uncertainty and Trust ECR SIG Representative
Location: Remote (UK-Based)
Reports To: Uncertainty and Trust SIG Co-Lead
Compensation: While this role does not include a salary, it provides opportunities for skill development, networking, and career growth. However, travel expenses will be available for *some* SIG events.

Job Summary

As a SIG ECR Representative, you will play a critical role in our Network's success by ensuring the Uncertainty and Trust SIG represents the interests of the ECR community.

You will be responsible for supporting the strategic direction of the SIG, alongside the SIG Lead and Co-Lead, by proposing ways to ensure the SIG activities are accessible and representative of ECR interests.

Where relevant, you will collaborate with the SIG Lead and Co-Lead, as well as the DTNet+ ECR Network Leads, to plan and organise key deliverables (e.g. case studies showcasing challenges for assuring trustworthy digital twins, workshops focused on uncertainty quantification in AI-enabled digital twins, and publishing outputs such as white papers, blog posts, or articles).

Key Responsibilities

1. **Supporting Strategy**
   a. Support the SIG Lead and Co-Lead in shaping the strategy for the Uncertainty and Trust SIG (e.g. shaping activities or deliverables)
   b. Foster a collaborative and innovative environment with other SIGs and the wider Network+
2. **Community Management**
   a. Help define, build, and maintain a networked community of members within the SIG
   b. Facilitate communication and collaboration among SIG members, including other SIG leads and members
   c. Monitor participation and engagement with the ECR community, ensuring the activities are accessible to and representative of ECR interests
3. **Communication**
   a. Act as the ECR point of contact for external stakeholders interested in the SIG
   b. Help maintain a strong presence for the SIG with the ECR community through the Network+ website, social media and other communications routes.

Essential Attributes for the role

- An active research interest in a topic relevant to the Uncertainty and Trust SIG. We welcome applications from a wide-range of disciplines or areas (e.g. applied statistics, compute science, social science, policy, social psychology, philosophy, human factors, research software engineering, UI/UX design).
- Interest in up-to-date industry trends and developments related to the SIG's focus area

Desirable attributes for the role

- A strong advocate for the ECR community in general, and the SIG topic area more specifically
- Experience in research community management
- A commitment to upholding and implementing EDI principles (e.g. designing inclusive and accessible workshops)

How to Apply

To apply please send a 2-page CV and short cover letter (max 1-page) to cburr@turing.ac.uk outlining your motivation and rationale for applying, as well as any evidence of meeting the desirable attributes (see above).

Equality, diversity and inclusion (EDI)

The network makes every effort to ensure EDI best practices is adhered to and where possible this should be embedded within all aspects of the SIG ECR Rep role. Please refer to the framework, tools and resources set out by the UKRI Expectations for EDI, and more generally the UKRI framework for responsible research and innovation, Equality, diversity and inclusion (EDI) – UKRI