

Technical Committee Member - Hydrogen Innovation & Technology Conference 2026

Volunteer Role Descriptor

1. Introduction

IChemE, in partnership with AIChE, is hosting the [Hydrogen Innovation and Technology Conference in Manchester, UK, from 14–16 October 2026](#). The event will explore the evolving role of hydrogen and related low-carbon technologies within the wider energy transition, recognising both the opportunities they offer and the practical challenges of scaling them. The programme will focus on credible pathways, latest developments, and the innovation and research needed to support realistic progress toward net-zero goals.

We are seeking knowledgeable and committed volunteers to join the Technical Committee. You will bring sound sector insight, an understanding of current market realities, and a willingness to shape a rigorous, forward-looking programme that will attract participants from industry, academia, and policymakers.

2. What you will be doing

As a member of the conference Technical Committee, you will play a key role in shaping a world-class event by working closely with IChemE's Knowledge & Networks team to:

- Define key themes and sector challenges to shape a strong, relevant programme
- Recommend and help secure keynote speakers and contributors from industry, academia, and government
- Review abstracts and proposals to ensure accuracy, relevance, and balance
- Advise on programme structure and session design to deliver an engaging and impactful two-day event
- Champion diverse perspectives across disciplines, regions, and application areas
- Participate in planning meetings to support decision-making and maintain momentum

3. About you

We are looking for a diverse and dynamic team of up to 10 IChemE members – covering all membership grades - to help shape the Technical Committee. In particular, we would like to engage at least 5 members who are Chartered Chemical Engineers and/ or Fellow members of IChemE.

Committee members should bring strong technical insight, professional integrity, and a collaborative mindset. Ideal candidates will have subject-matter expertise in hydrogen or related low-carbon fields, supported by relevant experience across production, infrastructure, safety, policy, research, or end-use applications. They should be able to review technical material constructively, demonstrate awareness of current sector challenges and opportunities, and contribute to balanced representation and effective planning discussions throughout the programme cycle.

4. How you will benefit

- personal satisfaction that your contribution helps to support a global network of chemical engineers
- extensive networking opportunities
- continuing professional development (CPD)

- enhanced knowledge of chemical engineering and the opportunities it may offer
- you'll receive an IChemE Volunteer badge recognising your support and contribution

5. Time commitment

Committee members are expected to contribute their time and expertise throughout the planning and delivery of the Hydrogen 2026 conference, starting in February 2026. The estimated time commitment will be up to 2 hours per week, average. It is also expected that Technical Committee members attend the conference for the duration.

6. Period of appointment

The period of appointment will run from January 2026 to December 2026, covering the full planning, review, and delivery cycle for the Hydrogen 2026 conference. Committee members are expected to remain engaged throughout this timeframe, contributing to programme development, content review, and key decision-making milestones as the event progresses.

7. How to apply & appointment method

Please apply using the “apply now” button on this advert on the website. Please include a short supporting statement (up to 500 words) highlighting your interest in and suitability for the role – this should include any specific areas of technical/subject matter expertise that you bring to the role. Please email hydrogen@icheme.org if you have any questions or need any further information.

Committee members will be appointed based on their professional expertise, sector knowledge, and their commitment to contribute meaningfully to programme development. Appointments will also ensure balanced representation across industry, academia, government, and other relevant stakeholders, providing a broad mix of perspectives across the hydrogen value chain.

8. Introduction and training

New Technical Committee members will be invited to attend a series of short virtual meetings with the Knowledge & Networks Manager, starting in February 2026. These will comprise:

1. An overview of the conference focus and proposed themes
2. Scoping and agreement of the proposed programme
3. Suggestions for keynote and other speakers we wish to approach
4. Timescales and expected commitments of the committee members.

9. Further information

IChemE will cover conference attendance and travel costs for all Technical Committee members. No significant expenses are expected to be incurred. IChemE's [Expense policy for members and volunteers](#) outlines what costs can be recovered whilst undertaking volunteer activities on behalf of IChemE.

Is the role location specific?

No

Number of roles available

6 – 10

For further information please contact hydrogen@icheme.org

Author: Mori Ahmadi Nejad, Knowledge & Networks Manager

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