**ACE Network Ageing Society Grand Challenge Group**

**Roadmap Consultation Workshop**

Tuesday 23rd September 2025

Radcliffe Conference Centre

University of Warwick

**Draft Programme**

09:30-10:00 – Arrival and Registration/Coffee

10:00-10:10 **Prof Mike Chappell** (Lead for ACE Network Ageing Society GCRC, School of Engineering, University of Warwick)

Welcome and Introductory Presentation – ACE Roadmap Template

10:10- 11:10 **Discussion Session 1: Research and Innovation Priorities**

**Objective:**

Identify key research priorities and innovation challenges where control engineering can support the ageing society.

**Guiding Questions:**

* Where is control engineering currently making an impact in ageing-related sectors (e.g. healthcare, medical devices, assistive technologies)?
* What are the major gaps in research or technology that need to be addressed?
* What new areas should we be focusing on between now and 2045?
* Which challenges are most urgent, and which require long-term investment?

**Expected Outputs:**

* A shortlist of research themes and technology areas to include in the roadmap.
* Categorisation by timeframe (short, medium, long-term) and level of maturity (e.g., TRLs).
* Identification of cross-sector opportunities (e.g. digital health, life sciences, pharma, AI-enabled diagnostics).

11:10-11:30 Coffee Break

11:30-12:30 Resume Discussion Session 1

12:30-13:45 Lunch

13:45-15:00 **Discussion Session 2: Industry Collaboration Models and Barriers**

**Objective:**

Explore how industry and academia can work more effectively together and what systemic barriers need to be addressed.

**Guiding Questions:**

* What collaboration models have worked well in the past (e.g. KTPs, joint labs, fellowships, CASE studentships)?
* What are the biggest barriers to industry-academia collaboration in this space (e.g., IP, funding, timelines, awareness)?
* How can we improve translation of academic research into real-world solutions for the ageing population?
* What incentives or support structures would increase industry engagement?

**Expected Outputs:**

* Recommendations for enabling effective partnerships and knowledge exchange.
* Identification of funding or policy changes that could support innovation.
* Suggestions for inclusion in the roadmap’s implementation and policy engagement strategy.

15:00-15:15 Closing Remarks

Coffee/Tea /Networking