Second meeting of the UK Mathematical Systems and Control Theory Network

7th – 9th July 2025
Discussion session 1

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with Susana Gomes and Boumediene Hamzi

Outline

- Discussion session

- Organise yourself into groups and discuss the following matters

- If helpful, could think about in terms of
                    Research   Education   Impact/innovation

- Following prompts have two purposes:
  - To stimulate and facilitate discussion
  - To answer the questions

About you and your area

1. What area do you work in? What developments in your area are you most excited about and why?

What are the main challenges?

Working in a time of AI

2. How, or to what extent, is AI (interpreted broadly) changing how you work?

Is AI changing what you work on?

Industrial collaborations

3. Are you, or to what extent, are you motivated to pursue industrial collaborations?

What are the main benefits for industrial collaborations?

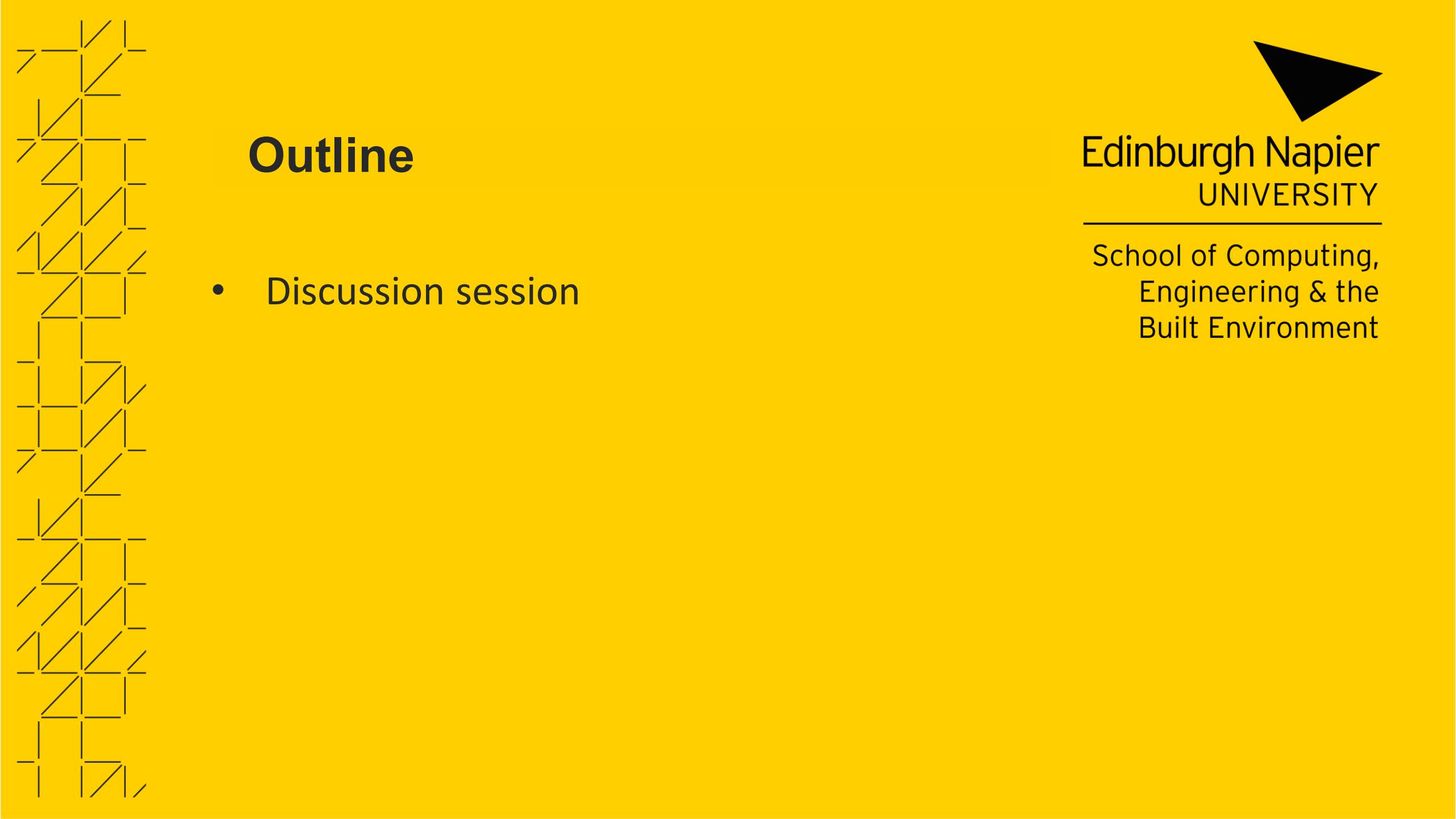What are the main challenges or barriers to industrial collaborations?

How might these be overcome?

The next generation

4. What is the employment landscape in your area for the next generation of graduates/researchers/educators?

What are the challenges?

How might these be overcome?

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