Chapter/Affinity Group: RAS Chapter
Reported by: Prof Hongmei He

IEEE
United Kingdom and Ireland Section

Key Achievements & member services in 2023

- Holding the 2023 Annual IEEE UKI RAS conference, University of Salford, 23 Feb 2023.
- having a Committee meeting during the ICRA 2023 conference in on 31st May 2023 in London, creating good relationship with EPSRC RAS Network and reconstructing the RAS committee, by adding academic members from different areas of robotics and industry liaisons into the committee.
- Co-sponsoring the WMG – IEEE Research Workshop on AI in Transportation, 04 Jul 2023, and Prof Hongmei He presented at the workshop on the topic: "How Does the Resource Dynamics of ECUs Reflect Cyberattacks on a Connected Vehicle?"
- Adding a new Ireland representative into our RAS committee.

Plan of activities for 2023-24

- Prestigious Lecture on Overview of the Hamlyn Centre and Mechatronics in Medicine Lab, Prof F. Rodriguez y Baena of ICL on 31 Oct. 2023
- Annual Chapter Workshop in the University of Sheffield, Feb 2024
- Co-sponsor 2024 IEEE Conference on Control Technology and Applications (CCTA).
- Prestigious Lectures, such as Prof Wenhua Chen, Loughborough University, 2024
- Next meeting with EPSRC RAS network.
- Find potential universities in Ireland to host RAS conference 2025.

Focus areas (2023-2024)

2023 Goals	2023 KPIs met?	2024 Goals	Challenges to reach KPIs/ Resources
RAS2023	completed successfully	RAS2024	Finance budget.
construction of new committee	New committee has been created	Update RAS webpage	N/A
Regulate chapter activities and create collaboration with other chapters	Partially completed	Regular prestigious lectures and co-sponsor some events with other chapters and organizations	Invite excellent researchers to provide lectures.

Activity & Progress Reporting- Section Autumn Meeting – 20ʰ Oct 2023