

Chapter/Affinity Group: RAS  
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### Key Achievements & member services in 2021

Achievements from 1 May 2021- 21 Apr.

- Prof Huiyu Zhou from University of Leicester, Prestigious Lecture: Transform Image Understanding with Artificial Intelligence, 1 July 2021, in collaboration with Computational Intelligence Chapter
- Professor Yang Gao from the University of Surrey, Prestigious Lecture: AI Robotics for Sustainable Space Exploration and Exploitation, 18 Aug 2021. She made a good contribution to our RAS2022 conference, charring the RAS for space.
- The 5<sup>th</sup> Annual IEEE UK & Ireland RAS Chapter Conference, University of Edinburgh, 23 Feb. 2022, hosted by Prof Sethu Vijayakumar. It is a successful conference, with more than 80 audiences, three keynote speakers, and four themes: RAS for extreme and hazard environments, RAS for manufacturing, RAS for ?Health and Social care, and RAS for space.

### Plan of activities for 2022

- Prestigious lecture, Jun 2022
- Industry seminar, Aug 2022
- Prestigious lecture, Oct 2022
- RAS2023 conference, Feb 2023.

### Focus areas (2022-2023)

2021 Goals	2021 KPIs met?	2022 Goals	Challenges to reach KPIs/ Resources
Two prestigious lectures	yes	Two prestigious lectures	We have a large RAS network, which provides a good resource for implementing the goal
RAS2022 conference	yes	One industry seminar	Seeking support from a strong RAS industry
		RAS2023 conference	Seeking the speakers for tracing the current research state of arts in RAS.