

Activity & Progress Reporting

Section Autumn Meeting - 28th April 2023

<p>1. Chapter/Affinity Group:</p>	<p>IEEE UK & Ireland RAS Chapter</p>
<p>2. Committee Members</p>	<ul style="list-style-type: none"> • Chair: Prof Mary He, Professor in Future Robotics, Engineering and Transport Systems, University of Salford • Vice Chair: Dr Helge Wurdemann, Professor and Chair of Robotics, University College London • Past Chair: Prof John Gray, Professor of Robotics and Systems Engineering, University of Manchester • Secretary: Dr Guowu Wei, Reader of Robotics, University of Salford • Treasurer: Dr Joaquin Carrasco Gomez, Reader in EEE, University of Manchester • Committee Member: Prof Kaspar Althoefer, Professor of Robotics Engineering, Queen Mary University, London • Committee Member: Prof Sanja Dogramadazi, Professor of Medical Robotics, University of Sheffield • Committee Member: Prof Yang Gao, Professor of Space Autonomous Systems, School of Mechanical Engineering Sciences, University of Surrey • Committee Member: Dr Simon Watson, Senior lecturer of EEE, University of Manchester • Committee Member: Prof Darwin Caldwell, Professor of Robotics, Director of Italy Institute of Technology • Committee Member: Prof Jian Dai, Professor of Robotics, Kings College London • Committee Member: Rich Walker, CEO of Shadow Robot • Committee Member: Dr Nikolaos Athanasopoulos, Lecturer, School of Electronics, Electrical Engineering and Computer Science, Queen's University, Belfast • Committee Member: Dr Niels Lohse, Professor of Manufacturing Automation and Robotics, School of Mechanical, Electrical and Manufacturing Engineering, Loughborough University • Committee Member: Mike Wilson, Chief Automation Officer, MTC • Committee Member: Dr Jelizaveta Konstantinova, Senior Research Coordinator, Ocado Technology
<p>3. Reporting Officer:</p>	<p>Prof Hongmei He</p>

<p>4. Overview of current plan and activities:</p>	<ul style="list-style-type: none"> i. RAS2023 at the University of Salford on 28 Feb 2023 ii. Prestigious lectures: <ul style="list-style-type: none"> a. Prof Ali Hessami, “the Assessment and Certification of AI Ethics--A Recent Update”, 24 May 2023 b. Prof Wenhua Chen, Loughborough University, “Safety of Autonomous Systems”, (TBC). c. TBC iii. Join the MTC conference: Robotics and Automation: A new perspective 2023, 10 and 11 May. iv. The first meeting of the RAS committee will be held at ICRA2023 in London on 31 May 2023. We will explore the development and strategies of RAS
<p>5. Key Achievements and member value/services to date:</p>	<ul style="list-style-type: none"> • RAS2023 was successfully held at the University of Salford on 28, Feb 2023. More than 80 audiences attended the conference, two keynote speakers and 16 RAS experts were invited to share their recent research results and explore the future trend of RAS. • Prof. Mary He took over the chair of RAS from Prof. John Gray, and a new committee was formed. • Dr Guowu Wei took over the secretary of RAS chapter from Prof Mary He.
<p>6. Key Challenges:</p>	<ul style="list-style-type: none"> • Engagement with industry • Finance • Attract more RAS members, researchers and professionals to join the RAS activities
<p>7. Deficits/Required Resources:</p>	<p>It would be good to know the figures of RAS members each year, including student members.</p>
<p>8. Actions/Support requested from the Section:</p>	<ul style="list-style-type: none"> • It would be good for each chapter to have the access to the zoom for organising online events.
<p>9. Action Plan:</p>	<p>Next RAS2024 will be held at the University of Sheffield.</p>