

Activity & Progress Reporting

Section Autumn Meeting - 13th November 2020

<p>1. Chapter/Affinity Group:</p>	<p>RAS chapter</p>
<p>2. Committee Members</p>	<p>Chair: <u>Prof John Gray</u>, Professor of Robotics and Systems Engineering, University of Manchester</p> <ul style="list-style-type: none"> • Secretary: <u>Dr Mary He</u>, Lecturer, Cranfield University • Treasurer: <u>Dr Joaquin Carrasco Gomez</u>, Lecturer, University of Manchester • Committee Member: <u>Prof Kaspar Althoefer</u>, Professor of Robotics Engineering, Queen Mary University, London • Committee Member: <u>Prof Antonios Tsourdos</u>, Director of Research, School of Aerospace, Transport and Manufacturing at Cranfield University • Committee Member: <u>Prof Sanja Dogramadazi</u>, Professor of Medical Robotics, Bristol Robotics Laboratory • Committee Member: <u>Prof Svetan Ratchev</u>, Cripps Professor of Production Engineering, University of Nottingham • Committee Member: <u>Prof Jian Dai</u>, Chair in Mechanisms and Robotics, King's College London • Committee Member: <u>Dr Helge Wurdemann</u>, Lecturer in Medical Devices, Mechanical Engineering, UCL, London • Committee Member: <u>Dr Andrea Paoli</u>, Senior Lecturer in Robotics and Automation, University of Lincoln • Committee Member: Dr Jelizaveta Konstantinova, Research coordinator at Ocado Technology, London • Committee Member: <u>Dr Nikolaos Athanasopoulos</u>, Lecturer, School of

	Electronics, Electrical Engineering and Computer Science, Queen's University, Belfast
3. Reporting Officer:	Dr Hongmei (Mary) He
4. Overview of current plan and activities:	<ul style="list-style-type: none"> i. Prestige lecture 1: Prof Jian Dai, Kings College London, 11 Dec 2020 ii. Prestige lecture 2: Prof Kaspar Thoefer, Queen Mary University of London, TBC iii. Prestige lecture 3: Prof Sethu Vijayakumar, University of Edinburgh, TBC iv. RAS2021, University of Edinburg, TBC
5. Key Achievements and member value/services to date:	<ul style="list-style-type: none"> • Two prestige lectures were held: <ul style="list-style-type: none"> (1) Dr Hongmei He, Cranfield University, "Human-Centred Artificial Intelligence for Autonomous Robotic Intelligence" (2) Prof Prof Darwin Caldwell, the Italian Institute of Technology, Genoa, Italy, Robotics and Medical Assistive Technologies for Precision Medicine,
6. Key Challenges:	<ul style="list-style-type: none"> • COVID-19, for which, we prolonged the RAS2021 on 27 Jan 2021. We intend to attract more audiences to join the conference, exchange their research outcomes and industry experiences and promote young researchers to have creative research through a face-to-face communication.
7. Deficits/Required Resources:	<ul style="list-style-type: none"> • We would like to have £2000 for sponsoring some specific finance request from speakers.
8. Actions/Support requested from the Section:	<ul style="list-style-type: none"> • Welcome all relevant chapters or groups to cosponsor the RAS chapter.
9. Action Plan:	The planned activities are ongoing.