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# City Conference on Robotics and Autonomous Systems

Friday 26<sup>th</sup> January 2024

City, University of London  
Lecture Theatre: B200

**Sponsored by:**  
**System, Autonomy and Control Centre**



*United Kingdom and Ireland Section  
Robotics & Autonomous Systems Chapter*

Email us to register your interest in attending!  
[Maxwell.Hogan@city.ac.uk](mailto:Maxwell.Hogan@city.ac.uk)

## Time Program

<b>1030 – 1045</b>	Event Opening by the Vice President (Research): Prof Leanne Aitken and the Dean of Science and Technology School (SST): Prof Raj Roy
<b>1045 – 1120</b>	<b>Autonomous Systems Research Development at CITY:</b> Keynote Talk by Prof Nabil Aouf: Director of Systems, Autonomy and Control Centre at City University of London.
<b>1120 – 1155</b>	<b>Human-robot augmentation:</b> Keynote Talk by Prof Etienne Burdet: Head of the Human Robotics Group at Imperial College London.
<b>1155 – 1230</b>	<b>Soft robotic medical devices:</b> Keynote Talk by Prof Helge Wurdemann: Head of the Soft Haptics and Robotics Lab at University College of London.
<b>1230 – 1305</b>	<b>Humanoids as General Purpose Robots:</b> Keynote Talk by Dr Abdderahmane Kheddar: Directeur de Recherche at CNRS. Director of the CNRS-AIST Joint Robotic Laboratory (JRL), Tsukuba, Japan; and team leader of the Interactive Digital Humans (IDH) team at CNRS-UM LIRMM at Montpellier, France.
<b>1305 – 1430</b>	<b>Lunch</b>
<b>1430 – 1505</b>	<b>Development and Deployment of Robots in Nuclear Environments:</b> Keynote Talk by Prof Barry Lennox: Professor of Applied Control and Nuclear Engineering Decommissioning, Co-Director of the Manchester Centre for Robotics and AI and Chair of UK-RAS, University of Manchester.
<b>1505 – 1540</b>	<b>Brain-inspired robotics: State-of-the-art and future directions:</b> Keynote Talk by Prof Tony Prescott: Professor of Cognitive Robotics at the University of <i>Sheffield</i> , UK, and the co-founder and former director of <i>Sheffield Robotics</i> .
<b>1540 – 1615</b>	<b>Autonomous mobility in Mars exploration: recent achievements and future prospects:</b> Keynote Talk by Dr Larry Matthies: Senior Research Scientist at Jet Propulsion Laboratory, Caltech, in the Mobility and Robotic Systems Section. Technology Coordinator for the Mars Exploration Program office at JPL.
<b>1615 – 1650</b>	<b>Surgical Robotics: Imperial's Own Experience:</b> Keynote Talk by Prof Ferdinando Rodriguez y Baena: Professor of Medical Robotics Applied Mechanics Division Head and Hamlyn Centre Co-Director at Imperial College London.



**1650**

Event closure by: The Engineering Head of Department: Prof  
Asa Barber

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