The Hamlyn Symposium on Medical Robotics
London, 24 June - 27 June 2018
Pioneering the next generation of medical robotics

CALL FOR PAPERS

Sunday 24 June – Wednesday 27 June 2018

The Royal Geographical Society, London, UK
http://www.Hamlyn-robotics.org/

The Hamlyn Symposium on Medical Robotics allows surgeons and engineers from across the globe to experience the latest developments in medical robotics. The 11th Symposium will be held on Sunday 24 - Wednesday 27 June 2018 at the Royal Geographic Society in London. The Symposium annually attracts world-leading scientists, engineers and clinicians from a wide range of disciplines associated with medical robotics and surgery.

Important Dates

- 28 March 2018: Deadline for submitting papers
- 09 May 2018: Paper acceptance
- 25 May 2018: Camera-ready deadline
- 24 June 2018: Surgical Robot Challenge 2018
- 24-27 June 2018: Hamlyn Symposium and Workshops

Symposium Highlights

- A series of invited talks by distinguished speakers
- Panel debate on breakthrough medical robotics
- Oral and poster presentations on a wide range of clinical and technical topics
- An international audience from leading research organisations and universities in medical robotics
- Annual international forum for clinicians, engineers and researchers
- Series of topical workshops
- Industry exhibits
- Surgical Robot Challenge 2018

Topics to be addressed by the Symposium include:

- Clinical highlights in Urology, Cardiac Surgery, Thoracic Surgery, General Surgery, Neurosurgery, Gynaecology, ENT, Orthopaedic, and Paediatric Surgery;
- Emerging, multi-specialty applications of robotic technology;
- Medical robotics for NOTES;
- Mechatronic designs for medical robotics;
- Microbot design and applications;
- Surgical simulation, training and skills assessment;
- Human robot interaction and ergonomics;
- Surgical navigation and augmented reality systems;
- Intra-operative imaging and biophotonics for robotic surgery;
- Medical image computing and computer assisted intervention;
- Economic and general consideration of robotic surgery;
- Deep Learning Surgical Vision.

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