Image Guided Therapies Network+

King's College London
28 June 2018
Lambeth Wing
St Thomas' Hospital, London

Early Career Researcher Workshop

08:30 – 09:00	Registration, poster set-up and light refreshments
09:00 – 09:10	ECR Committee - Welcome and general information
Session One	**Early Career Researcher presentations 1 (Chair - Katjana Ehrlich)**
09:10 – 09:50	8 x 5minute rapid fire talks (for full list of speakers **see below**)
Session Two	**Educational Session 15 mins presentation + 5 mins questions (Chair - Dr Bilal Tahir)**
09:50 – 10:10	Dr Candace Hassall (Wellcome) Top tips: fellowship funding
10:10 – 10:30	Recent recipient of EPSRC Healthcare Technologies Challenge Award - TBC
10:30 – 10:50	Dr Danail Stoyanov (Associate Editor of IJCARS) PREP in Int J CARS
10:50 – 11:10	Dr Mark Gooding (Mirada Medical) Deploying AI in the clinic: Thinking about the box
11:10 – 11:20	Short break
Session Three	**Early Career Researcher presentations 2 (Chair - Katjana Ehrlich)**
11:20 – 12:00	8 x 5minute rapid fire talks (for full list of speakers **see below**)
Session Four	**Plenary Session (Chair - Dr Brice Thurin)**
12:00 – 12:30	Professor Seb Ourselin (King's College London) Epilepsy Navigation (EpiNav™): Image-guided Neurosurgery
12:30 – 13:30	Lunch, poster session 1 & registration for afternoon meeting

Close of Early Career Researcher Workshop

IGT Network + Tri- Annual Meeting, Kings College London

13:30 – 13:35	Prof Kawal Rhodes (King's College London) Welcome from host
Session One	**Network update and awards (Chair – Prof Seb Ourselin)**
13:35 – 13:50	Professor Seb Ourselin (Network Director) General Network+ Update
13:50 – 14:00	Katie Konyn (Communications and Marketing Manager) GDPR update
14:00 – 14:15	Dr Danail Stoyanov & Dr Raymond Bond **IGT Proof-of-concept winners**: Smart Theatre Data Science and Object Tracking for Image Guided Therapies
Session Two	**Research Talks 15 mins presentation + 5 mins questions (Chair Prof Kawal Rhodes)**
14:15 – 14:35	Prof Mark O'Neil (King's College London) Image-guided cardiac ablation therapy
14:35 – 14:55	Prof Prokar Dasgupta (King's College London) Experience of robotic surgery at Guy's with the da Vinci system
14:55 – 15:35	**Break and poster session 2**
15:35 – 15:55	Dr Oleg Aslanidi (King's College London) Biophysical modelling of the atria for clinical decision support
15:55 – 16:15	Dr Nadine Haram (King's College London) AR to support collaborative and remote reconstructive surgery
16:15 – 16:35	Prof Andreas Melzer (University of Dundee) MR-guided interventions
16:35 – 16:55	Dr Ronak Rajani (King's College London) Dual Source CT for improving patient pathways in cardiology
16:55 – 17:00:	Final Discussion & close

Early Career Researcher talks

Name		Title	Institute
Abdelkarim	Ahmed K M	A Bayesian Approach for Endomicroscopic Detection of Fluorescently Labelled Bacteria	Heriot-Watt University
Bhavsar	Kaushalkumar	Development of a ring cavity-based fibre optic sensor for MR-compatible minimally invasive medical sensing applications	Robert Gordon University
Bonmati	Ester	How accurate is Electromagnetic Tracking for Endoscopic Ultrasound Guided Interventions?	University College London
Clancy	Neil	Multimodal imaging and sensing of tissue structure and function during ablation	University College London
Dilley	James W R	Planning our future better – The benefits of image guidance in the preoperative phase	Imperial
Evans	Vikki	Dyeing Elastase: Imaging the Immune Response in the Lung	University of Edinburgh
Fauchart	Mathis	3D line-scan Optical Coherence Tomography imaging using an off-axis configuration	University of Kent/ University of Lille
Fernandez-Uceda	Adrian	Swept Source OCT Imaging of the eye	University of Kent
Joy	Joyce M	MRI Guided Focused Ultrasound Treatment On Moving Organs - Static Vs. Dynamic Models	University of Dundee
Leiloglou	Maria	Guiding Fluorescence-Augmented Imaging System for Breast Cancer Surgery	Imperial
Leveque	Lucie	An Eye-Tracking Study with Mammograms	Cardiff University
Lindenroth	Lukas	Design of a soft-robotic end-effector for safe robot-patient interaction in medical ultrasound interventions	King's College London
Marques	Manuel J.	Custom-designed side-viewing optical coherence tomography endoscopic probes for less invasive bronchial imaging	University of Kent
Mitros	Zisos	Towards Single – Port Surgery via Multi – Arm Robots: Modelling of an Eccentric Arrangement of Concentric Tubes	University College London
Tanner	Mike	Early arriving photon imaging for locating optical endomicroscopy fibres and medical devices	Heriot-Watt University
Zhao	Tianrui	Fast Reference-less Calibration of a Multimode Fibre with Conditional Probability-based Binary Transmission Matrix	Queen's Mary University London