MIUA 2022
Conference Programme
https://www.miua2022.com/

Wednesday 27th July 2022

8:00 – 15:00   Registration Desk Opens

9:00 – 9:15   Opening Ceremony

9:15 –10:15   **Oral Session 1: Biomarker Detection**
(Chair: Anna Breger, University of Cambridge)
9:15 - 9:35 Multimodal cardiomegaly classification with image-derived digital biomarkers. Duvieusart, Benjamin; Krones, Felix H; Parsons, Guy; Tarassenko, Lionel; Papiez, Bartlomiej W; Mahdi, Adam
9:35- 9:55 Proton Density Fat Fraction of Breast Adipose Tissue: Comparison of the Effect of Fat Spectra and Initial Evaluation as a Biomarker. Gordon, Isobel C; Ralli, George P; Fernandes, Carolina; Herlihy, Amy; Brady, Michael
9:55 - 10:15 Revisiting the Shape-Bias of Deep Learning for Dermoscopic Skin Lesion Classification. Lucieri, Adriano; Schmeisser, Fabian; Balada, Christoph Peter; Siddiqui, Shoaib Ahmed; Ahmed, Sheraz; Dengel, Andreas

10:30 – 11:00   ☕ Coffee Break & Industrial Booth Exhibition

11:00 – 12:00   **Oral Session 2: Novel Imaging, Image Registration and Reconstruction**
(Chair: Jin Yueming, University College London)
11:00 - 11:20 Recursive Deformable Image Registration Network with Mutual Attention. Zheng, Jian-Qing; Wang, Ziyang; Huang, Baoru; Vincent, Tonia; Lim, Ngee Han; Papiez, Bartlomiej W
11:20 - 11:40 Faster Diffusion Cardiac MRI with Deep Learning-based breath hold reduction. Tanzer, Michael; Ferreira, Pedro; Scott, Andrew; Khalique, Zohya; Dwornik, Maria; Pennell, Dudley; Yang, Guang; Rueckert, Daniel; Nielles-Vallespin, Sonia
11:40 - 12:00 Simultaneous Semantic and Instance Segmentation for Colon Nuclei Identification and Counting. Liu, Lihao; Hong, Chenyang; Aviles-Rivero, Angelica I; Schönlieb, Carola-Bibiane

12:00 – 12:50   ✗ Lunch & Industrial Booth Exhibition

13:00 – 14:00   **Keynote Prof. Polina Golland (MIT)**
Chair: Carola-Bibiane Schönlieb