# Agenda

**2023**
**CLIP**

**12th MICCAI CLIP Workshop**
**Towards Holistic Patient Models for Personalised Healthcare**

October 12, Vancouver, BC

| 1:30 – 1:40 | Welcome |
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| | *Session 1: Keynote* |
| 1:40 – 2:25 | *Keynote: Digital Twins in Medicine*<br>Prof. Mathias Unberath (Johns Hopkins University, Baltimore, MD) |
| | *Session 2: Paper presentation and discussion* |
| 2:25 – 2:45 | *Subject-specific Modelling of Knee Joint Motion for Routine Pre-operative Planning**<br>Jeffry Hartanto, Wee Kheng Leow, Andy Khye Soon Yew, Joyce Suang Bee Koh, Tet Sen Howe |
| 2:45 – 3:05 | *Towards fine-grained polyp segmentation and Classification*<br>Yael Tudela, Ana García-Rodríguez, Glòria Fernández-Esparrach, Jorge Bernal |
| 3:05 – 3:25 | *Automated Orientation and Registration of Cone-Beam Computed Tomography scans**<br>Luc Anchling, Nathan Hutin, Yanjie Huang, Selene Barone, Sophie Roberts, Felicia Miranda, Marcela Gurgel, Najla Al Turkestani, Sara Tinawi, Jonas Bianchi, Marilia Yatabe, Antonio Ruellas, Juan Carlos Prieto, Lucia Cevidanes |
| 3:25 – 4:00 | Break |
| | *Session 3: Paper presentation and discussion* |
| 4:00 – 4:20 | *Deep Learning-Based Fast MRI Reconstruction: Improving Generalization for Clinical Translation**<br>Nitzan Avidan, Moti Freiman |
| 4:20 – 4:40 | *Uncertainty Based Border-Aware Segmentation Network for Deep Caries*<br>Gayeon Kim, Yufei Chen, Shuai Qi, Yujie Fu, Qi Zhang |
| 4:40 – 5:00 | *Automated Hand Joint Classification of Psoriatic Arthritis Patients Using Routinely Acquired Near Infrared Fluorescence Optical Imaging*<br>Lukas Zerweck, Stefan Wesarg, Jörn Kohlhammer, Michaela Köhm |
| 5:00 – 5:20 | *Automatic Neurocranial Landmarks Detection From Visible Facial Landmarks Leveraging 3D Head Priors*<br>Oded Schlesinger, Raj Kundu, Stefan Goetz, Guillermo Sapiro, Angel V. Peterchev, J. Matias Di Martino |
| 5:20 – 5:40 | *An efficient and accurate neural network tool for finding correlation between gene expression and histological images*<br>Guy Shani, Moti Freiman, Yosef E. Maruvka |
| | *Session 4: Best paper award* |
| 5:40 – 6:00 | Best paper award ceremony and closing remarks |

*Best paper candidates

Workshop location: *Vancouver Convention Center East Building Level 1* at **Meeting Room 4**.