

## CLINICCAI DETAILED PROGRAM

### CLINICCAI2024 ORAL PRESENTATIONS

Time	Paper Title	Primary Contact Author Name
<b>08:30-09:30</b>	<b>Oral session 1: Neuroscience</b> Chairs: Sandrine De Ribaupierre & Saad Slimani	
08:30-08:42	Augmented Reality-guided External Ventricular Drain Placement: A Technical Note on a Clinically Fully Integrable System	Jesse van Doormaal
08:42-08:54	Introducing ClinIQ: A Non-Invasive Clinical Tool for Molecular Profiling of Brain Gliomas	Joseph Maldjian
08:54-09:06	Determining cerebral white matter integrity and volume of brain structures in patients with primary Sjögren's syndrome in DTI and FLAIR with AI tools.	Michał Sobański
09:06-09:18	Generating Computed Tomography Angiography from Time-of-Flight Magnetic Resonance Angiography Using Diffusion-Based Models	Dietmar Frey
09:06-09:18	AI-based Outcome Prediction in Ischemic Stroke: A Study on Robust External Validation Principles	Dietmar Frey
09:18-09:30	Deep Learning-Enabled Meningitis Screening In Young Infants Based on a Novel Non-Invasive Transfontanellar Device: Initial Performance Results	Sara Ajanovic Andelic
<b>11:15-12:30</b>	<b>Oral session 2: Radiology &amp; Pathology</b> Chairs: Joe Yeong & Saad Slimani	
11:15-11:27	Preoperative Rotator Cuff Tear Prediction from Shoulder Radiographs using a Convolutional Block Attention Module-Integrated Neural Network	Ikbeom Jang
11:27-11:39	Fully Automated PACS-Integrated Volumetric Assessment of Abdominal Aortic Aneurysms	David Weiss
11:39-11:51	Artificial Intelligence for Prediction of Abdominal Aortic Aneurysm Status Using Multimodal Patient Data in the VASCUAID-RETRO-AAA Study	Lotte Rijken
11:51-12:03	Machine learning-based prediction of spinal cord ischemia after complex endovascular aneurysm repair using clinical and imaging-derived features	Kaj Kappe
12:03-12:15	H&E-based cell prediction multi-classification models to capture morphologically distinct subpopulations of CD8+ T cells	Muzammil Arif Din Abdul Jabbar
12:15-12:27	From Concept to Clinic: Improving Colorectal Cancer Diagnosis through Deep Learning-Driven Lymph Node Screening in Clinical Routine	Amjad Khan
<b>14:30-15:30</b>	<b>Oral session 3: Surgery</b> Chairs: Abdourahmane Ndong & Idriss Ahmedou	
14:30-14:42	Deep learning for intraoperative navigation in minimally invasive liver surgery: a multicenter external validation	Namkee Oh
14:42-14:54	Validation of instance segmentation of instruments during laparoscopic cholecystectomy using MedSAM	António S Soares
14:54-15:06	Advancing Laparoscopic Surgery: Addressing Adoption Challenges with User-Centric Augmented Reality Solutions	Pooja P Jain
15:06-15:18	Bridging innovation and practice: the journey of FAROS from technical design to in-vivo animal validation	Nicola A Cavalcanti
15:18-15:30	Deep Learning Artificial Intelligence Tool for Automated Radiographic Determination of Posterior Tibial Slope in Patients with Anterior Cruciate Ligament Injuries	Yining Lu
<b>16:00-17:00</b>	<b>Oral session 4: Dermatology, fetal Ultrasound, Ophthalmology</b> Chairs: Ik Jun Moon, Joël Lavanchy & Joe Yeong	
16:00-16:12	Facial Wrinkle Segmentation with Weakly Supervised Pretraining and Supervised Finetuning with Multi-Annotator Labels	Ik Jun Moon
16:12-16:24	Preeclampsia screening by minimally trained operators on ultrasound using Artificial Intelligence, a paired diagnostic pilot study	Ikbeom Jang
16:24-16:36	A Randomized Controlled Trial of Artificial Intelligence to Assist in Screening Fetal Ultrasound Scans	Saad Slimani
16:36-16:48	EyeLiner: Longitudinal retinal fundus image registration through clinically guided keypoint detection	Thomas Day
16:48-17:00	Automated deep learning-based quantification of intermediate age-related macular degeneration features for the prediction of geographic atrophy and neovascularization	Stephen M McNamara
17:00 -17:50	CLINICCAI panel: How technology enables access to health-care in the global south	