Overview abstract session: imaging, cardiac function and MI, tentative times

15:00-15:10 Artificial intelligence-enabled electrocardiographic detection of acute occlusive myocardial infarction

Bjørn-Jostein Singstad

15:10-15:20 Long-term treatment with C-type natriuretic peptide improves diastolic function in a mouse model of HfpEF.

Dulasi Arunthavarajah

15:20-15:30 Quantifying Left Atrial Size in Rodent Cardiac MRI

Henrik Skaldebø

15:30-15:40 Using a tabular foundation model to predict coronary artery total occlusion from demographic and imaging-derived functional parameters in myocardial infarction

Ingrid Tveten

15:40-15:50 Assessment of anisotropic myocardial stiffness using combined Diffusion Tensor Imaging and MR Elastography

Julia Martemyanova

15:50-16:00 Machine learning segmentation of preclinical MRI images

Kasper Klausen

16:00-16:10 BREAK

16:10-16:20 Towards understanding the discordance between invasive and echocardiographic pressure gradients after transcatheter aortic valve implantation.

Kristin Hovde

16:20-16:30 Vessel-specific detection of occlusive myocardial infarction using deep learning strain analysis

Lasse van Drunen

16:30-16:40 Native T1 Mapping Texture Analysis Detects Myocardial Fibrosis and Predicts Diastolic Dysfunction in Pressure-Overload Cardiomyopathy

Lili Zhang

16:40-16:50 uSing arTificial intElligeNce TO tReat myocardial InfArctioN (STENTORIAN)

Magnus Nossen

16:50-17:00 Myocardial Tug-of-War as a Novel Determinant of Cardiac Reserve Capacity

Markus B. Harbo

17:00-17:10 Intrinsic myocardial work is preserved in severe aortic stenosis

Mohammed Almashhadani

17:10-17:20 The Inbred Preclinical Rat Model of HFpEF DSSLepRfa/fa Featuring Obesity, Hypertension, Fibrosis and Impaired Relaxation

Vladimir Nikolaev Martinov