CinC 2018 Program Overview

Sunday, September 23, 2018
13:00  Symposium Registration
14:00  Word of welcome on behalf of Maastricht University by Prof. Harry Crijns
14:05  Word of welcome on behalf of CinC by Prof. Rob MacLeod
14:10  Word of welcome on behalf of the LOC by Dr. Willem Dassen
14:15  General introduction to CircAdapt (Dr. Joost Lumens)
14:25  General introduction to ECGSim (Dr. Peter van Dam / Dr. Thomndorp)
14:35  General introduction to Myokit (Dr. Michael Clerx)
14:45  General introduction to SCIRun (Prof. Rob MacLeod / Jess Tate)
15:00  Simulation activities and exploration
19:00  Welcome Reception

Monday, September 24, 2018
8:30  Welcome to CinC 2018
8:45  M1: Rosanna Degani Young Investigator Finals
10:15  Coffee Break
10:45  S21: Novel Quantification Approaches from Cardiovascular Imaging
10:45  S22: Special Session: Bioimpedance Monitoring in Cardiovascular Diseases
10:45  S23: Cardiovascular Mechanics
10:45  S24: Balistocardiography, Seismocardiography, and PPG
12:15  Social Event

Tuesday, September 25, 2018
8:30  S31: Cardiac Function from Imaging
8:30  S32: Technical Progress in ECG Imaging
8:30  S33: Medical Informatics Technology
8:45  S34: AF Drivers & Targets
10:00  Coffee Break
10:15  S41: Heart Rate Variability: Methods
10:15  S42: ECG Processing of Exercise
10:15  S43: ECG Analysis for AF
10:15  S44: Special Session: Personalized Medicine
11:45  Lunch
12:45  S51: Heart Rate Variability: Applications
12:45  S52: Modeling Ion Channels and Cells
12:45  S53: AF Detection and Simulation
12:45  S54: ECG Processing and Artificial Intelligence
14:15  Coffee Break
14:30  S61: Modeling Ensembles of Cells
14:30  S62: Special Session: Physics vs Machine Learning Based Approaches in ECGI
14:30  S63: Cardiorespiratory Autonomic Iterations
14:30  S64: ECG Processing of Ventricular Repolarization
16:00  P7: Poster Session with Reception
16:00  P71: Modeling Ion Channels, Cells and Fetal Signals
16:00  P72: Modeling Drug Effects and Mutations
16:00  P73: Mechanisms of Reentry and Fibrillation
16:00  P74: Whole Heart Modeling
16:00  P75: Analysis and Mapping in Arrhythmia
16:00  P76: Ischemia and Infarct Analysis with ECG and Imaging
16:00  P77: New Approaches and Applications of ECGI
16:00  P78: ECG Waveform Analysis
16:00  P79: ECG Heterogeneity
16:00  P7A: Wavelet Based Analysis of ECG
16:00  P7B: ECG Fiducial Detection
16:00  P7C: Denoising ECT
16:00  P7D: ECG Mapping

Wednesday, September 26, 2018
8:30  S81: Modeling Arrhythmias and Defibrillation
8:30  S82: Cardiac Autonomic Iterations
8:30  S83: Challenge I
8:30  S84: ECG Processing of Ventricular Repolarization
10:00  Coffee Break
10:15  S91: ECGI in Clinical Applications
10:15  S92: Cardiac Arrest & Resuscitation

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10:15  S93: Challenge II
10:15  S94: ECG Processing and Arrhythmias
11:45  Lunch
12:15  PA: Poster Session with Lunch
12:15  PA1: Challenge Posters
12:15  PA2: CV Mechanics
12:15  PA3: Heart Rate Variability
12:15  PA4: Atrial Fibrillation
12:15  PA5: Cardiovascular Imaging
12:15  PA6: System Study
12:15  PA7: Medical Informatics & Technology
12:15  PA8: Tissue Modeling
13:45  SB1: Whole Heart Modeling
13:45  SB2: Sleep and Autonomic Nervous System
13:45  SB3: Ventricular Arrhythmias: Detection and Ablation
13:45  SB4: Analysis of Ischemia
15:15  Break
15:30  MD: Closing Plenary
16:30  Closing Ceremony
17:15  Conference Closes