

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

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