

STAFF/MALT 2023 Symposium

Final Program

Wednesday, September 13, 2023

15:00 - 18:00 Arrival and check-in at the Grand Hotel Mölle

18:30 - 19:00 *Welcome aperitif*

19:00 - 21:00 *Dinner at the Grand Hotel Mölle*

Thursday, September 14, 2023

07:00 - 08:30 *Breakfast*

08:30 - 08:45 Welcome

Staff

Warren

USA

08:45 - 10:45 **Ischemia in experiment and modeling studies**

Chair:

Jan Azarov

08:45 - 09:15 High frequency QRS changes in intracardiac electrograms in chronic porcine ischemia model.

Noam

Omer

Israel

YI

09:15 - 09:45 ECG expression of global and local dispersion of repolarization in a porcine myocardial ischemia model

Alena

Tsvekova

Russia

09:45 - 10:15 Robust Tp/Te measurement in a porcine ischemia model

Neurys

Gomez
Fonseca

Spain

YI

10:15 - 10:45 On the mechanisms of potassium loss in acute myocardial ischemia: A modeling study

Jose

Felix Rodriguez

Italy

10:45 - 11:00 *Coffee break*

11:00 - 12:00 **ECG based biomarkers for ischemia, arrhythmia and SCD risk**

Chair:

Pablo Laguna

11:00 - 11:30 ECG-based characterization of the extent, severity and spatial location of acute ischemia in patients with and without prior myocardial infarction

Jimena

Rodríguez
Carbó

Spain

YI

11:30 - 12:00 Bivariate Phase-Rectified Signal-Averaged QT-RR relationship in the MUSIC Database, SR and AF

Alba

Martin Yebra

Spain

12:00 - 12:30 Challenges and opportunities in mentoring across disciplines and borders

Jonathan Lipton

Australia

12:30 - 13:30 *Lunch*

14:00 - 17:00 *Social event: Exploring Kullaberg on foot*

18:00 - 22:00 *Dinner at Arlids winery*

Friday, September 15, 2023

07:00 - 08:30 *Breakfast*

08:30 - 10:00 Ischemia clinical (STAFF and beyond)

Chair: *Kees Swenne*

| | | | | | |
|---------------|--|-------|----------------|-----------------|----|
| 08:30 - 09:00 | STAFF 3 analysis with CineECG | Iris | van der Schaaf | The Netherlands | YI |
| 09:00 - 09:30 | Influence of Coronary Sinus Reducer Implantation on Repolarization Parameters in Patients with Left Coronary Artery Ischemia: a randomized sham controlled study | Tadej | Zlahtic | Slovenia | YI |
| 09:30 - 10:00 | Prehospital ACS detection: additional value of analyzing a historical ECG in combination with the ambulance ECG | Kees | Swenne | The Netherlands | |

10:00 - 10:30 *Coffee break*

10:30 - 12:30 ECG in Cardiogenetics

Chair: *Pyotr Platonov*

| | | | | | |
|---------------|--|---------|-----------|--------|----|
| 10:30 - 11:00 | SAECG in ARVC | Alexei | Savelev | Russia | YI |
| 11:00 - 11:30 | Supervised classification of Brugada syndrome patients by ECG-derived markers | Alba | Roquero | Spain | YI |
| 11:30 - 12:00 | ECG and VCG predictors of cardiac changes in Fabry disease | Alison | Leslie | USA | YI |
| 12:00 - 12:30 | Repolarization duration and dispersion in response to exercise and atropine induced heart rate increase in LQT1. | Lennart | Bergfeldt | Sweden | |

12:30 - 13:30 *Lunch*

13:30 - 15:30 Ischemia, arrhythmias and conduction disturbance

Chair: *Michael Ringborn*

| | | | | | |
|---------------|--|-----------|------------|---------|----|
| 13:30 - 14:00 | Atrial fibrillation in acute ischemia | Marina | Demidova | Sweden | |
| 14:00 - 14:30 | Combined ECG predictors of ventricular fibrillation in a porcine myocardial ischemia model | Olesya | Bernikova | Russia | |
| 14:30 - 15:00 | Risk assessment of Ventricular Arrhythmia in Coronary Artery Disease patients using morphological ECG features | Josseline | Madrid | Spain | YI |
| 15:00 - 15:30 | RBBB in suspected acute coronary syndromes | Peter | Clemmensen | Danmark | |

15:30 - 16:00 *Coffee break*

16:00 - 17:00 Body-surface potential mapping/VCG

Chair: *Olle Palm*

| | | | | | |
|---------------|---|--------|----------|----------|----|
| 16:00 - 16:30 | Real-world VCG assessment in 20000 pediatric athletes in a US-based ECG/echo cohort | Daniel | Cortez | USA | |
| 16:30 - 17:00 | Evaluation of CRT setting using the autocorrelation maps | Lukas | Zelieska | Slovakia | YI |

17:00 - 18:00 Closing session

Chair: *Staff Warren*

18:00 - 20:00 *Free time / Discussion / Networking*

20:00 - 22:00 *Gala dinner*

Saturday, September 16, 2023

07:30 - 10:00 *Breakfast and departure*