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STAFF/MALT 2023
Grand hotel Mölle
September 13-16, 2023

<http://staff-malt-meetings.net/>

Sponsors

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Alf Hanssons foundation

John and Eva Wang

List of Participants

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|------------------------------|---|--------------------------------------|--|--|
| 15:30 - 16:00 | <i>Coffee break</i> | | | |
| 16:00 - 17:00 | Body-surface potential mapping/VCG | <i>Chair:</i> <i>Olle Pahlm</i> | | |
| | Real-world VCG assessment in 20000 pediatric athletes in a US-based ECG echo cohort | Daniel Cortez | | |
| | Evaluation of CRT setting using the autocorrelation maps | Lukas Zelieska ^{VI} | | |
| 17:00 - 18:00 | Closing session | <i>Chair:</i> <i>Staff Warren</i> | | |
| 18:00 - 20:00 | <i>Free time / Discussion / Networking</i> | | | |
| 20:00 - 22:00 | <i>Gala dinner</i> | | | |
| Saturday, September 16, 2023 | | | | |
| 07:30 - 10:00 | <i>Breakfast and departure</i> | | | |

Welcome to STAFF/MALT 2023

A warm welcome to all participants this year. We are trusting that the Delta variant will stay well away from Sirolo this September!

The Symposium will include participants from more than 10 countries and this will be the 17th meeting of both STAFF and MALT, which have now become combined in STAFF MALT with the common link being the interface of the electrocardiogram from a focus on ischemia (STAFF) and imaging (MALT).

Mentoring of young investigators and collaboration between researchers across international boundaries and between different disciplines have been guiding principles of both STAFF and MALT, fostered by keeping the Symposium invitational and limited in the number of participants.

The Planning Committee this year has risen to the challenge of a hybrid approach with remote participation by the few who unavoidably cannot participate in person. We are looking forward to an excellent program in an idyllic setting!

Enjoy....

Staff Warren, MD, FAOC

| STAFF/MALT 2023 Program | | |
|-------------------------------|--|--------------------------------------|
| Wednesday, September 13, 2023 | | |
| 15:00 – 18:00 | Arrival and check in at the Grand Hotel Mölle | |
| <i>18:30 – 19:00</i> | <i>Welcome aperitif</i> | |
| <i>19:00 – 21:00</i> | <i>Dinner at the Grand Hotel Mölle</i> | |
| Thursday, September 14, 2023 | | |
| <i>07:00 – 08:30</i> | <i>Breakfast</i> | |
| 08:30 – 08:45 | Welcome | Staff Warren |
| 08:15 – 10:15 | Ischemia in experiment and modeling studies | <i>Chair: Jan Azarov</i> |
| | High frequency QRS changes in intracardiac electrograms in chronic porcine ischemia model. | Noam Omer ^{NI} |
| | ECG expression of global and local dispersion of repolarization in a porcine myocardial ischemia model | Alena Tsvetkova |
| | Robust Tp Te measurement in a porcine ischemia model | Neurys Gomez Fonseca ^{NI} |
| | On the mechanisms of potassium loss in acute myocardial ischemia: A modeling study | Jose Felix Rodriguez |
| <i>10:15 – 11:00</i> | <i>Coffee break</i> | |
| 11:00 – 12:00 | ECG based biomarkers for ischemia, arrhythmia and SCD risk | <i>Chair: Pablo Laguna</i> |
| | ECG based characterization of the extent, severity and spatial location of acute ischemia in patients with and without prior myocardial infarction | Jimena Rodriguez Carbo ^{NI} |
| | Bivariate Phase-Rectified Signal-Averaged QT-RR relationship in the MUSIC Database, SR and AF | Alba Martin Yebra |
| 12:00 – 12:30 | Challenges and opportunities in mentoring across disciplines and borders | Jonathan Lipton |
| <i>12:30 – 13:30</i> | <i>Lunch</i> | |
| <i>14:00 – 17:00</i> | <i>Social event: Exploring Kullaberg on foot</i> | |
| <i>18:00 – 22:00</i> | <i>Dinner at Arlids winery</i> | |

| Friday, September 15, 2023 | | |
|----------------------------|--|-----------------------------------|
| <i>07:00 – 08:30</i> | <i>Breakfast</i> | |
| 08:30 – 10:00 | Ischemia clinical (STAFF and beyond) | <i>Chair: Michael Ringborn</i> |
| | STAFF 3 analysis with CineECG | Iris van der Schaaf ^{NI} |
| | Influence of Coronary Sinus Reducer Implantation on Repolarization Parameters in Patients with Left Coronary Artery Ischemia: a randomized sham controlled study | Tadej Zlahtic ^{NI} |
| | Prehospital ACS detection: additional value of analyzing a historical ECG in combination with the ambulance ECG | Kees Swenne |
| <i>10:00 – 10:30</i> | <i>Coffee break</i> | |
| 10:30 – 12:30 | ECG in Cardiogenetics | <i>Chair: Pyotr Platonov</i> |
| | SAECG in ARVC | Alexei Savelev ^{NI} |
| | Supervised classification of Brugada syndrome patients by ECG-derived markers | Alba Roquero ^{NI} |
| | ECG and VCG predictors of cardiac changes in Fabry disease | Alison Leslie ^{NI} |
| | Repolarization duration and dispersion in response to exercise and atropine induced heart rate increase in LQTL. | Lennart Bergfeldt |
| <i>12:30 – 13:30</i> | <i>Lunch</i> | |
| 13:30 – 15:30 | Ischemia, arrhythmias and conduction disturbance | <i>Chair: Kees Swenne</i> |
| | Arrhythmias in acute ischemia: AF and VT/VF | Marina Demidova |
| | Combined ECG predictors of ventricular fibrillation in a porcine myocardial ischemia model | Olesya Bernikova |
| | Risk assessment of Ventricular Arrhythmia in Coronary Artery Disease patients using morphological ECG features | Josseline Madrid ^{NI} |
| | RBBB in suspected acute coronary syndromes | Peter Clemmensen |