International Society for Computerized ECG Scientific Program 2026

Preconference: Monday, March 23, 2026	
Event	**Chairs**
Pre-Conference	
Registration	CMA
Opening reception, appetizers	CMA
Day 1: Tuesday, March 24, 2026	
Registration	CMA
Breakfast	CMA
ISCE Board of Directors Breakfast	Fabio Badilini
Welcome and Opening Remarks	Claus Graff
Session 1: P-wave morphology and Beyond	Pyotr Platonov
1. P-Wave Duration and Morphology as Markers of Atrial Myopathy	Pyotr Platonov
2. P-Wave Morphology in ECGi	Peter van Dam
3. How are P-waves Analyzed in Wearables?	David Albert
4. Dynamic P-wave Analysis	Pablo Laguna
Session 2: Selected Abstracts	Geoff Tison & Claus Graff
1. Prognostic Significance of Right and Left Bundle Branch Block in the General Population: Findings from the Hamburg City Health Study	Peter Clemmensen
2. Development of a Genetic Rabbit Model of Long QT Syndrome Type-2 to Investigate the Cardiac Safety of Medications	David Auerbach
3. From Foundation Models to Bedside Ischemia Detection: A Domain Adaptation Framework for AI-ECG	Rui Qi Ji
4. Leveraging Pre-Implant ECG Features and Machine Learning to Predict Post-ICD Adverse Events in Heart Failure	Karina Kraevsky
Lunch and Afternoon Discussions	CMA
Poster Session 1	Jorgen Kanters
Session 3: The ECG in ischemia and infarction: Acute Coronary Occlusion Beyond ST-elevation: Redefining Myocardial Infarction Diagnosis in the AI Era	Stephen W. Smith
1. From STEMI to OMI: The Paradigm Shift in Acute Coronary Occlusion Diagnosis	Stephen W. Smith
2. Debunking Misconceptions: Addressing Common Objections to the OMI Paradigm	José Nunes de Alencar
3. The Queen of Hearts in Practice: Real-World ECG Cases of Occlusion MI Detection	Pendell Meyers
4. Translating Research into Impact: Clinical Validation and Global Implementation of the Queen of Hearts	Robert Herman
Dinner	CMA
Continue Poster Session 1	Jorgen Kanters
Day 2: Wednesday, March 25, 2026	
Breakfast	CMA
Session 4: Jos Willems Early Career Investigators	Mary Carey & Michelle Pelter
1. Fine-Tuning an ECG Foundational Model on a Large, High Quality Dataset for 12-Lead ECG Analysis	Aarya Parekh
2. Prediction of Elevated Troponin-T Levels from Prehospital Electrocardiograms	Asger Knudsen
3. Quantification of XAI in ECG. Does Synthetic Data Yield Proficient models?	Rasmus Gøl
4. A Multi-Stage Hyperparameter Tuning Framework for Reinforcement-Learning-Enhanced Random Forests in ACS Classification	Karam Daoud

Day 2: Wednesday, March 25, 2026 - Continued	
Session 5: AI-based ECG Interpretation Algorithms	Alan Kennedy
1. Evaluating Diagnostic Performance: Validation of the PulseAI ECG System	Peter Doggart
2. An AI-driven 12-lead ECG analysis system for clinical decision support: How close is it to expert performance	Anthony Kashou
3. Occlusive or Non-Occlusive MI, the role of automated ECG interpretation	Aaron Peace
4. Innovative ECG Foundation Model based AI algorithms for the Enhancement of Reduced 12-lead ECG Analysis	Joel Xue
In Memorian: Robert Arzbaecher	Barbara Drew
ISCE Business Session	Fabio Badilini
Lunch and Afternoon Discussion	CMA
ISCE Board of Directors Luncheon	Fabio Badilini
Poster Session 2	TBD
Session 6: Innovations in Waveform Analysis	Timothy Ruchti
1. Leveraging Foundation Models for the Analysis of Time Series Data in the ICU	Robert Stevens
2. Real-Time Inference From Continuous Physiological Data: Translating Predictive Modeling Into Scalable Clinical Action	Timothy Ruchti
3. Foundation Models for Physiological Signals in the Era of Large Language Models	Xiao Hu
4. A Foundation Transformer Model with Self-Supervised Learning for ECG-Based Assessment of Cardiac and Coronary Function	Jonathan Moody
Dinner	CMA
Continue Poster Session 2	TBD
Day 3: Thursday, March 26, 2026	
Breakfast	CMA
Session 7: Remote ECG monitoring	David Albert
1. Title TBD	Abhishek Deshmukh
2. The Use of AI in Remote QT Monitoring	David Albert
3. Moving Beyond the ECG for Rhythm Detection and Disease Management	Mintu Turakhia
4. Title TBD	Stavros Stavrakis
Session 8: Electrocardiographic Selection Criteria for CRT	Wojciech Zareba
1. Update on Cardiac Resynchronization Therapy	Wojciech Zareba
2. Machine Learning of ECG Waveforms and Cardiac Magnetic Resonance for Response and Survival After Cardiac Resynchronization Therapy	Kenneth Bilchick
3. Left Bundle Branch Area Pacing (LBBAP) and ECG criteria to identify LBBB Capture	Atiqua Batul
Lunch and Afternoon Discussion	CMA
Session 9: Hot Topics in Electrocardiology, What We Still Don't Know (Pitches)	Fabio Badilini & Claus Graff
1. Title TBD	Mélèze Hocini
2. Predicting Low Incidence, High Consequence Events: The Case of Sudden Cardiac Arrest	Samir Saba
Session 10: ISCE 50th Annual Conference	Peter MacFarlane
Dinner Banquet, Music, Poster, Awards, Presidents Remarks	Fabio Badilini & Claus Graff
Post-Conference: Friday March 27, 2026	
Closing Breakfast	CMA

Abbreviations: CMA= Association Management; TBD=To be Determined