



First day, Thursday, April 20, 2023		
12.30	Welcome buffet	Registration, Posters up
13.30 13.45	Opening Welcome Keynote	Caroline Müllenbroich, Godfrey Smith Gil Bub , McGill University, Montreal, Canada <i>High throughput, long duration imaging technologies</i>
14.30	Session 1 Clinical perspectives Session chair: Piet Claus 3x 20 mins talks + 30 mins discussion	14:30 Tobias Brüggmann , Universität Bonn, Germany <i>Cardiotoxicity screening with pig ventricular slices</i> 14:50 Francis Burton , University of Glasgow, Scotland <i>Making light work of single cell cardiac electrophysiology: maximising fidelity and throughput</i> 15:10 Elen Tolstik , Leibniz-Institut für Analytische Wissenschaften – ISAS – e.V., Germany <i>Raman spectroscopy of the heart</i>
16.00	Coffee break and networking	Posters
16.30	Session 2 Light-sheet microscopy and ... suspense! Session chair: Eva Rog-Zielinska 3x 20 mins talks + 30 mins discussion	16:30 Industry talk: Mehtaab Chaudhry <i>Bruker, Fluorescence Microscopy Business Unit</i> 16:35 Chris Dunsby , Imperial College, UK <i>High-speed 3D light-sheet microscopy</i> 16:55 Richard Walton , Université de Bordeaux, France <i>In vivo multimodal microscopic sub-endocardial imaging using optical catheters in a sheep model of myocardial infarction</i> 17:15 Jonny Taylor , University of Glasgow, Scotland <i>Optical-computational techniques for timelapse imaging of heart structure and function in vivo</i>
	Immediately after	conference photo in the cloisters
19.00	Welcome reception	TBC
20.00	Social dinner	TBC



Second day, Friday, April 21, 2023		
8.30	Coffee and networking	Posters
9.00	Session 3 Optogenetics Session chair: Karin Sipido 3x 20 mins talks + 30 mins discussion	09:00 Daniël Pijnappels , Leiden University Medical Center, Leiden, Netherlands <i>Optical control of bioelectricity to explore biological defibrillation</i> 09:20 Franziska Schneider-Warme , Universitäts Herzzentrum, Freiburg, Germany <i>Optogenetic manipulation of the heterocellular heart</i> 09:40 Sayedeh Hussaini , Max Planck Institute for Dynamics and Self-Organization, Göttingen <i>Temporal modulation of cardiac excitability using optogenetics: exceptional efficacy in terminating cardiac arrhythmia</i>
10.30	Coffee and networking	Posters
11.00	Early Career Researcher	Flash presentations
11.45	Relevance to future research	Poster session
12.30	Lunch break and networking	Posters
13.30	Session 4 Correlative Imaging Session chair: Godfrey Smith 3x 20 mins talks + 30 mins discussion	13:30 Eva Rog-Zielinska , University of Freiburg, Germany <i>Ultrastructural Reconstruction of Cardiomyocyte Contraction Dynamics</i> 13:50 Martin Bishop , KCL, London, UK <i>Computational simulation in experimental and clinical cardiac electrophysiological research: interactions with novel optical imaging technologies</i> 14:10 Leonardo Sacconi , INO-CNR, Florence, Italy <i>Correlating electrical dysfunction and structural remodeling in Arrhythmogenic Mouse Hearts by advanced optical methods</i>
15.00-15.30	Closing remarks Prize awards	Leonardo Sacconi, Caroline Müllenbroich