

IMAGING WORKSHOP'22

NEW TRENDS IN HIGH RESOLUTION PRE-CLINICAL MOLECULAR IMAGING

April 29, 2022

Pisa, Research Area of National Research Council
INSTITUTE OF CLINICAL PHYSIOLOGY



EURO-BIOIMAGING
Image life, discover the future

09.00 Registration

09.30 Welcome from the Organisers

Dr. Luca Menichetti, CNR – Institute of Clinical Physiology, Pisa

09.40 EuBi – EU Research Infrastructure for Molecular Imaging

Dr. Linda Chaabane, Director of the HUB Medical Euro-Bioimaging ERIC

10.00 Technology versus probe development in molecular imaging

Prof. Enzo Terreno (University of Turin)

10.30 coffee break

11.00 Latest MiLab's technologies High-performance penta-modal tomography: integrated nuclear, optical, and x-ray CT

Prof. Freek Beekman Ph.D. TU-Delft & MILabs

11.30 Visualizing Neuroscience with Zebrafish

Dr. Elisabeth Kugler, University College London

12.00 PET is Wonderful: molecular imaging and probe development

Dr. Adriana Tavares – Centre for Cardiovascular Science Edinburgh Imaging

12.30 Strategies for combining imaging technologies for biodegradable magnesium implants (H2020-ITN ETN-MgSafe project)

Eng. Valeria Grasso and Eng. Hanna Ćwieka

13.00 Lunch

13.40 Exposition and discussion with Sponsor

14.20 Latest development for Fuji Film-Visualsonics 's technologies for photoacoustic imaging and HF-ultrasound

Dr. Peter Kesa., Fuji Film-Visualsonic

14.50 Photoacoustics and advanced signal processing

Prof. Kristen Mariko Meiburger, PolitoBIOMed Lab, Department of Electronics and Telecommunications, Politecnico di Torino

15.20 Biophotonics for molecular imaging

Prof. Giannis Zacharakis, Lab. for Biophotonics (IESL), Foundation for Research and Technology – Hellas (FORTH) Heraklion Crete

15.50 coffee break

16.10 Translational metabolic imaging

Dr. Patricia Iozzo, CNR – Institute of Clinical Physiology, Pisa

16.40 Quantitative imaging-based metrics of atherosclerotic plaque permeability, inflammation and immune cell trafficking in mice

Dr. Claudia Mani, Diagnostic, Molecular and Interventional Radiology, Mount Sinai, NY (NIH)

17.10 Technology for Molecular Imaging: Latest from Inviscan for microCT/PET

Prof. Nicola Belcari, Department of Physics, University of Pisa

17.40 Closing Remarks Plenary discussion



REGISTER ONLINE

SCIENTIFIC COMMITTEE

Filippo Cademartiri, Clementina Manera, Francesco Faita, Claudia Kusmic,
Patricia Iozzo, Luca Menichetti, Danilo Neglia, Daniele Panetta, Debora Petroni,
Elena Petricci, Enzo Terreno

PARTNERS



UNIVERSITÀ
DEGLI STUDI
DI TORINO

inviscan
Imaging systems

MILabs
Making Molecular Imaging Clear

Assing

VISUALSONICS
FUJIFILM

The link to access the e-mail registration system is:
imagingconference@ifc.cnr.it

For questions regarding your registration,
or to modify your existing registration by phone,
please contact our Registration
Service Provider at +39 050 315 2826