

Agenda

Welcome and general introduction

13:00 - 13:10 Prof. Roland Zengerle, HSG-IMIT & IMTEK,
University of Freiburg (DE)

Session 1. Application scenarios Chair: Prof. Roland Zengerle

13:10 - 13:35 Prof. Reto Brun, Swiss Tropical and Public Health Institute (CH)
*Current situation of tropical diseases and the need for novel
PoC diagnostics*

13:35 - 13:55 Dr. Klaus Drese, Institut für Mikrotechnik Mainz, IMM (DE)
How to raise the chance for success of a microfluidic based point of care test?

Session 2. European Commission funded projects on PoC Chair: Dr. Felix von Stetten

13:55 - 14:15 Mr. Sascha Geidel, Fraunhofer ENAS (DE)
FP7-ICT project "PodiTrodi"

14:15 - 14:35 Prof. Sanjeev Krishna, St' George's University of London (UK)
FP7-HEALTH project "Nanomal"

14:35 - 14:55 Dr. Konstantinos Mitsakakis, HSG-IMIT & IMTEK, University of Freiburg (DE)
FP7-ICT project "DiscoGnosis"

14:55 - 15:20 Coffee Break

15:20 - 15:40 Dr. Ljuban Grgic, University College London (UK)
FP7-HEALTH project "RiD-RTI"

15:40 - 16:00 Dr. Claudia Gärtner, microfluidic ChipShop GmbH (DE)
FP7-SEC project "Multisense-Chip"

Session 3. Case studies of PoC platforms Chair: Dr. Konstantinos Mitsakakis

16:00 - 16:20 Dr. Emmanuel Delamarche, IBM Research GmbH (CH)
Capillary-driven microfluidics for point-of-care diagnostics

16:20 - 16:40 Dr. Felix von Stetten, HSG-IMIT & IMTEK, University of Freiburg (DE)
The centrifugal microfluidic LabDisk platform and its potential for sample-to-answer point of care testing

16:40 - 17:00 Prof. Aydogan Ozcan, UCLA, Electrical Engineering (USA)
Smartphone based microscopy, biomedical sensing and diagnostics

17:00 - 17:30 Round Table: The future and potential of PoC platforms