

1st Workshop on Hamamatsu Camera Solution for Biotech Industry

4th June 2014, Elettra-Sincrotrone

Strada Statale 14 – Km 163,5 in Area Science Park,
39149 Basovizza, Trieste Italy



Hamamatsu Photonics Italia is pleased to invite you to the “1st Workshop on Hamamatsu Camera Solution for Biotech Industry” hosted by Elettra-Sincrotrone. The workshop will offer attendees the chance to gain valuable technical skill and know-how in advanced camera techniques.



Technologies Overview 9.30 – 13.00

- 9.30 Registration of participants and Hamamatsu welcome.
- 10.00 Camera selection based on application – Dr. Mauro Bombonati, Hamamatsu Photonics Italia
- 10.30 Living cell focal stimulation and monitoring by optical manipulation
Dr. Dan Cojoc, IOM-CNR, Area Science Park – Basovizza (TS) Italy
- 11.00 Coffee break
- 11.30 OLED based bio-chip for protein and DNA micro-array detection: preliminary results
Dott.ssa Patrizia Melpignano, OR-EL doo, Kobarid, Slovenia.
- 12.00 An innovative Two-Photon microscope based on Spatial Light Modulator and fast CMOS camera for simultaneous multiple fast signals acquisition - Jonathan Mapelli, Brain Connectivity Center F. Mondino Pavia and University of Modena and Reggio Emilia.
- 12.30 Customization Capability of cameras: how Hamamatsu can cooperate with biotech industry Mr. Masahiko Shirai, Camera Application Specialist Hamamatsu Photonics UK

13.00 – 14.00 Buffet lunch

Practical Session 14.00 – 17.30 (Demonstration of Hamamatsu cameras in biotech applications)

- ORCA Flash4.0 for imaging of living cells
- Manipulation of living cells through optical tweezer
- Use of scientific camera in mobile applications
- TDI camera for high speed & high sensitivity imaging

For free registration and further information please send an email to: info@hamamatsu.it

We look forward to welcoming you!

HAMAMATSU
P H O T O N I S O U R B U S I N E S S

Hamamatsu Photonics Italia s.r.l.- Tel. +39 0293581733
– www.hamamatsu.com – info@hamamatsu.it