Training School - Beyond Conventional Tissue Imaging Final MC meeting - Closing Budget and Action Analysis Workshop - (Infra)red Biomedical Optics

Program at a Glance

09:00		Wednesday 22-feb-17	Thursday 23-feb-17		Friday 24-feb-17	
10:00	:30	Student Registration Opening	Poster presentation	MC Registration	Laboratories @ CNR- IFN	Session 2 Infrared Photonics
11:00				COFFEE BREAK		
12:00	:30	Lecture 1 Cinzia Giannini Lecture 2	Lecture 4 Rainer Hillenbrand Lecture 5	Action BM1205 WorkGroup Meetings	Lecture 6 Milena D'Angelo Lecture 7	Session 3 Poster presentation
13:00		Dror Fixler	Daniel M. de Bruin		Stefano Buzzaccaro	
\\	:30			LUNCH BREAK		
15:00 16:00	:30	Lecture 3 Peter Gardner Student Presentations	Workshop and Training School Joint Session 1		Parallel Sessions: Focus Group 6 and Focus Group 7	Action BM1205 WorkGroup Meetings
17:00	:30	Parallel Sessions: Focus Group 1 and	Biomedical Mult	ispectral Imaging		
18:00	:30	Focus Group 2	Parallel Sessions: Focus Group 3 and Focus Group 4	Action BM1205 MC Meeting		
19:00						
21:00			SOCIAL DINNER			

Program

	Wednesday 22nd					
Time		Activity				
	09:30 Museum Hall	TS - Registration				
	10:30 Aula B	TS - Opening				
		Salvatore Vitale Nuzzo, Director of Physics Department				
		Dragan Indjin, Chair of COST action BM1205 and of Training School				
		Maurizio Dabbicco, Chair of TS - Beyond conventional tissue imaging				
	11:00 Museum Hall	Coffee break				
		TS - Day One				
		Chair, Maurizio Dabbicco				
	11:30 Aula B	Lecture 1 - Label-free Super-resolution Imaging				
		Cinzia Giannini, National Research Council - Institute of Crystallography, Bari , IT				
	12:30 Aula B	Lecture 2 - Nanophonics-assisted nanoscopy				
		Dror Fixler, Bar-llan University, Ramat Gan, IL				
	13:30 at your choice	Lunch break				
	15:00 Aula B	Lecture 3 - Fundamental aspects of infrared hyper-spectral imaging for pathology				
		Peter Gardner, University of Manchester, Manchester, UK				
	16:00 Aula B	Student Presentations				
		Ana Marin, Multi-modal determination of bruise dynamics parameters				
		Zofia Lorenc, 3D optical phantom to study NIRS sensitivity in a muscle				
	16:20 CNR-IC laboratory	Focus Group 1 - X-ray microimaging laboratory				
		Cinzia Giannini, National Research Council - Institute of Crystallography, Bari , IT				
	16:20 Aula B	Focus Group 2 - Nanotechnology in tissue imaging: from discovery to applications				
		Dror Fixler, Bar-llan University, Ramat Gan, IL				
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Ogs30 Museum Hall WorkShop and MC members registration			Thursday 23rd
11:00 Museum Hall Coffee break 11:30 Aula C Action BM1205 - WorkGroup meeting 15 - Day Two Choir, Goetano Scamarcio Lecture 4 - Infrared nanospectroscopy Rainer Hillenbrand, nanoGUNE, San Sebastian (Basque Country), ES 12:30 Aula B Lecture 5 - State-of-art endomicroscopy Daniel Martija de Bruin, Academic Medical Center, Amsterdam, NL 13:30 at your choice Lunch break 17:20 Aula B Focus Group 3 - Title to be defined Peter Gardiner, University of Manchester, Manchester, UK 17:20 Aula C Focus Group 3 - Title to be defined Peter Gardiner, University of Manchester, Manchester, UK 17:20 Aula B Focus Group 4 - R&D of nanospectroscopies Rainer Hillenbrand, nanoGUNE, San Sebastian (Basque Country), ES Aula B WS - Session on Biomedical multispectral imaging Choir, Daniel Martija de Bruin 15:00 Future perspectives and challenges in medical photonics Mitra Almasian, Academic Medical Center, Amsterdam, NL Multispectral imaging of cutaneous lesions Ekoterina Borisova, Bulgarian Academy of Science, Sofia, BL 15:40 IQCL sources in the mid infrared for biophotonics Juhannes Koeth, CC to nanoplus Gmith, Gerbrunn, DE 16:00 Invited - Infrared spectroscopic imaging for biomedical applications Peter Gardiner, University of Manchester, Manchester, UK 16:30 Progress in Milit and Titz optical feedback interferometry for (biomedical) sensing and imaging Dragon Indjin, University of Leads, Leads, UK 16:50 Tits spectroscopic imaging for biomedical applications Peter Gardiner, University of Manchester, Manches	ne		·
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11:30 Museum Hall Poster presentation	11:00	Museum Hall	Coffee break
	11:30	Museum Hall	Poster presentation

	TS - Day Three Chair, Gerardo Palazzo
11:30 Aula B	Lecture 6 - Correlation plenoptic imaging <i>Milena D'Angelo,</i> University of Bari, Bari, IT
12:30 Aula B	Lecture 7 - Optical correlation techniques for bio-materials Stefano Buzzaccaro, Polytechnic University of Milan, Mlano, IT
13:30 at your choice	Lunch break
15:00 University laboratory	Focus Group 6 - Correlation and quantum imaging laboratory <i>Milena D'Angelo,</i> University of Bari, Bari, IT
15:00 Aula B	Focus Group 7 - Optical correlation techniques at work: exploring soft matter with new methods <i>Stefano Buzzaccaro,</i> Polytechnic University of Milan, Mlano, IT
15:00 Aula C	Action BM1205 - Closing address and opening perspectives

		Posters
1 Alberta Terzi		X ray scattering investigation of collagen engineered tissues: correlation between structural and mechanical properties
2 Aldo Mazzilli		Brillouin microscope for ophthalmology
3 Daria Majchrowicz	Marzena Hirsch	Interferometric optical fiber sensors using nanofilms with potential application in biophotonic
4 Emilia Malinowska	Monika Kosowska	Raman laser spectroscopic system for tissue
5 Francesco Maria Di L	ena	Correlation plenoptic imaging
6 Maria Carmela Cardil	li	Amide detection by MIR optical feedback interferometry
7 Mario Colapinto		Detection of absorbing and scattering agents in agarose gel by laser self-mixing MIR interferometry
8 Katarzyna Karpienko		Fibre-optic sensors with signal analysis in spectral domain
9 Jost Stergar		Biomedical hyperspectral imaging
10 Lorenzo Columbo	Massimo Brambilla	Multimode dynamics of a THz QCL: from chaos to coherent dynamics and mode-locking
11 Cinzia Di Franco	et al.	Fabrication and characterization of ultra-sensitive bio- functionalized electrolyte-gated organic transistors (EGOFET)
12 Pietro Patimisco et al.		Recent advances of the quartz-enhanced photoacoustic trace gas detection technique