



The Abdus Salam
International Centre for Theoretical Physics



Activity SMR: **2037**

Introduction to Optofluidics

1 June 2009 - 5 June 2009
Trieste - ITALY

Total Number of Visitors: 48

Final List of Participants

No.	NAME and INSTITUTE	Nationality	Function
DIRECTOR		Total number in this function: 3	
1.	COJOC Danut-Adrian Research Field : PHYSICAL OPTICS,BIO-PHOTONICS-PHYS.-TECH.-MEDIC Research Topic :	ROMANIA	DIRECTOR
Permanent Institute: Laboratorio TASC INFM Area Science Park Palazzina MM S.S. 14 Km. 163.5 Basovizza 34012 Trieste ITALY Permanent Institute e mail cojoc@tasc.infm.it			
2.	NIEMELA Joseph Research Field : LOW TEMPERATURE PHYSICS Research Topic : FLUID TURBULENCE	UNITED STATES OF AMERICA	LOCAL ORGANIZER
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3.	RAGHU Surya Research Field : FLUID DYNAMICS Research Topic : MICRO/NANOFLUIDICS APPLIED TO SENSORS & ACTUATORS	UNITED STATES OF AMERICA	DIRECTOR
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No.	NAME and INSTITUTE	Nationality	Function
CONFERENCE LECTURER		Total number in this function: 7	
4.	DELVILLE Jean-Pierre Research Field : OPTOFLUIDICS,RADIATION PRESSURE,OPTOTHERMODYNAMICS Research Topic : LIGHT-FLUID INTERACTION Permanent Institute: Centre de Physique Moleculaire Optique et Hertzienne CPMOH Universite' Bordeaux I, CNRS 351 Cours de La Liberation 33405 Talence FRANCE Permanent Institute e mail jp.delville@cpmoh.u-bordeaux1.fr	FRANCE	CONFERENCE LECTURER
5.	DI LEONARDO Roberto Research Field : Research Topic : Permanent Institute: Universita degli Studi di Roma 'La Sapienza' Dipartimento di Fisica Piazzale A. Moro 2 00185 Roma ITALY Permanent Institute e mail roberto.dileonardo@phys.uniroma1.it	ITALY	CONFERENCE LECTURER
6.	FOURNIER Jean-Marc Roger Gaston Research Field : OPTICAL FORCES AND OPTICAL MATTER Research Topic : MANIP. OF MESOSCOPIC OBJECTS, DIFFRACTIVE OPTICS Permanent Institute: EPFL Ecole Polytechnique Federal de Lausanne STI, LOA Station 17 CH-1015 Lausanne SWITZERLAND Permanent Institute e mail jeanmarc.fournier@epfl.ch , fournier.jeanmarc@free.fr	FRANCE	CONFERENCE LECTURER

No.	NAME and INSTITUTE	Nationality	Function
7.	<p>ORMOS Pal</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Institute of Biophysics Biological Research Center of the Hungarian Academy of Sciences P.O. Box 521 Temesvari krt. 62 H-6701 Szeged HUNGARY</p> <p>Permanent Institute e mail pali@brc.hu, pali@nucleus.szbk.u-szeged.hu</p>	HUNGARY	CONFERENCE LECTURER
8.	<p>PADGETT Miles</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>University of Glasgow Dept. of Physics & Astronomy G12 8QQ Glasgow UNITED KINGDOM</p> <p>Permanent Institute e mail m.padgett@physics.gla.ac.uk</p>	UNITED KINGDOM	CONFERENCE LECTURER
9.	<p>TORMEN Massimo</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Laboratorio TASC INFN Area Science Park Palazzina MM S.S. 14 Km. 163.5 Basovizza 34012 Trieste ITALY</p> <p>Permanent Institute e mail tormen@tasc.infn.it</p>	ITALY	CONFERENCE LECTURER

No.	NAME and INSTITUTE	Nationality	Function
10.	YANG Changhuei Research Field : Research Topic :	SINGAPORE	CONFERENCE LECTURER
	Permanent Institute: California Institute of Technology Eng. and Applied Sciences Division Biophotonics Laboratory Moore Building 1200 East California Blvd. Pasadena CA 91125 UNITED STATES OF AMERICA Permanent Institute e mail chyang@caltech.edu		

No.	NAME and INSTITUTE	Nationality	Function
PARTICIPANT		Total number in this function: 38	
11.	ACCARDO Angelo Research Field : SMALL ANGLE X-RAY SCATTERING AND MICROFABRICATION Research Topic : SAXS FOR MICRODROPS AND MICROFLUDICS Permanent Institute: European Synchrotron Radiation Facility (ESRF) 6, rue Jules Horowitz B.P. 220 F-38043 Grenoble Cedex FRANCE Permanent Institute e mail angelo.accardo@esrf.fr	ITALY	PARTICIPANT
12.	AMIN Ladan Research Field : Research Topic : Permanent Institute: SISSA International School for Advanced Studies Department of Neurobiology S.S.14 Km. 163,5 Basovizza 34149 Trieste ITALY Permanent Institute e mail amin@sissa.it	ISLAMIC REPUBLIC OF IRAN	PARTICIPANT
13.	ATIYHA Ahmad Ata Research Field : FLUID MECHANICS Research Topic : MECHANICS OF NONVISCIOUS FLUIDS Permanent Institute: Bethlehem University Department of Physics Rue des Freres, 9 00972 Bethlehem PALESTINE AUTHORITY Permanent Institute e mail aatiyha@bethlehem.edu	PALESTINE	PARTICIPANT

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14.	BOLOGNESI Guido Research Field : Research Topic : Permanent Institute: Universita degli Studi di Roma 'La Sapienza' Dipartimento di Fisica Piazzale A. Moro 2 00185 Roma ITALY	ITALY	PARTICIPANT
15.	BOTERO CADAVID Juan Fernando Research Field : FIBER OPTICAL SENSORS Research Topic : MICROFLUIDICS AND OPTICS SENSOR INTEGRATION Permanent Institute: Universidad Nacional de Colombia Sede Medellin Facultad de Ciencias Escuela de Fisica Calle 59A No 63 - 20 Apartado Aéreo 3840 Medellin COLOMBIA Permanent Institute e mail jfbotero@unalmed.edu.co	COLOMBIA	PARTICIPANT
16.	CABRERA MORALES Humberto Research Field : LASER SPECTROSCOPY Research Topic : THERMAL LENS, FLUIDICS Permanent Institute: Instituto Venezolano de Investigaciones Cientificas,IVIC Centro de Fisica Km.11 Carretera Panamericana Apartado Postal 20632 1020-A Caracas VENEZUELA Permanent Institute e mail hcabrera@ivic.ve, cabrera_25@yahoo.com	CUBA	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
17.	<p>CHATTHAM Nattaporn Research Field : SOFT CONDENSED MATTER Research Topic : LIQUID CRYSTALS, LIPID NANOTUBES</p> <p>Permanent Institute: Kasetsart University Faculty of Science Department of Physics 50 Phahonyothin Rd. Ladyao Jatujak Bangkok 10900 THAILAND Permanent Institute e mail nattaporn.c@ku.ac.th</p>	THAILAND	PARTICIPANT
18.	<p>CHOUTRI Hassina Research Field : NANOTECHNOLOGY Research Topic : FLUIDIC WAVEGUIDE, DETECTORS</p> <p>Permanent Institute: Centre Universitaire de Bordj Bou Arreridj Institut de Science et Technologie Laboratoire LMSE El Annasser Bordj Bou Arreridj 34625 ALGERIA Permanent Institute e mail h.choutri@gmail.com</p>	ALGERIA	PARTICIPANT
19.	<p>D'ESTE Elisa Research Field : OPTICAL TWEEZER MANIPULATION Research Topic : LOCALIZED DELIVERY, NEURONS</p> <p>Permanent Institute: Laboratorio TASC INFN Area Science Park Palazzina MM S.S. 14 Km. 163.5 Basovizza 34012 Trieste ITALY Permanent Institute e mail e_deste@yahoo.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
20.	<p>DANIEL GEORGE Sajan Research Field : PHOTONICS Research Topic : OPTOFLUIDICS, NANO-BIO PHYSICS Permanent Institute: Center of Smart Interfaces Technische Universitaet Darmstadt Petersenstraße 32 64287 Darmstadt GERMANY Permanent Institute e mail sajandgeorge@gmail.com</p>	INDIA	PARTICIPANT
21.	<p>DEL RIO AMADOR Lenin Research Field : Research Topic : Permanent Institute: University of Havana Faculty of Physics Colina Universitaria San Lazaro y L, Plaza 10400 Havana CUBA Permanent Institute e mail ldelrio@fisica.uh.cu</p>	CUBA	AFFILIATE
22.	<p>DRIOUICH Mohamed Research Field : Research Topic : Permanent Institute: Universite' Mohammed V Laboratoire de Physique Theorique Faculte' des Sciences B.P. 1014 Avenue Ibn Battouta Agdal Rabat MOROCCO Permanent Institute e mail driouichmohamed@hotmail.fr</p>	MOROCCO	AFFILIATE

No.	NAME and INSTITUTE	Nationality	Function
23.	<p>EGHAN Moses Jojo</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>University of Cape Coast Laser and Fiber Optics Centre (LAFOC) Department of Physics Cape Coast GHANA</p> <p>Permanent Institute e mail eghan_jm@yahoo.com</p>	GHANA	REGULAR ASSOCIATE
24.	<p>ERCOLINI Erika</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>SISSA International School for Advanced Studies Department of Neurobiology S.S.14 Km. 163,5 Basovizza 34149 Trieste ITALY</p> <p>Permanent Institute e mail ercolini@sissa.it, erika.ercolini@gmail.com</p>	ITALY	PARTICIPANT
25.	<p>FERRARA Lorenzo</p> <p>Research Field : BIO-PHOTONICS</p> <p>Research Topic : OPTICAL TWEEZER, OPTICAL STRETCHER</p> <p>Permanent Institute:</p> <p>Universita' di Pavia Dipartimento di Elettronica Quantum Electronics Lab via Ferrata 1 27100 Pavia ITALY</p> <p>Permanent Institute e mail lorenzo.ferrara@unipv.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
26.	<p>GARCIA SUCERQUIA Jorge Ivan Research Field : APPLIED AND THEORETICAL OPTICS Research Topic : DIGITAL HOLOGRAPHY, PHOTONICS, MICROSCOPY</p> <p>Permanent Institute: Universidad Nacional de Colombia Sede Medellin Facultad de Ciencias Escuela de Fisica Calle 59A No 63 - 20 Apartado Aéreo 3840 Medellin COLOMBIA Permanent Institute e mail jgarcia@unalmed.edu.co</p>	COLOMBIA	PARTICIPANT
27.	<p>GUERRERO Raphael Alamar Research Field : ELASTOMERIC OPTICS Research Topic : FLEXIBLE WAVEGUIDES AND GRATINGS</p> <p>Permanent Institute: Ateneo de Manila University Department of Physics Loyola Heights 1108 Quezon City PHILIPPINES Permanent Institute e mail rguerrero@admu.edu.ph</p>	PHILIPPINES	PARTICIPANT
28.	<p>HABIBI Mehdi Research Field : EXPERIMENTAL FLUID MECHANICS Research Topic : MICROFLUIDICS</p> <p>Permanent Institute: Institute for Advanced Studies in Basic Sciences IASBS P.O. Box 45195-1159 Gava-Zang Zanjan 45195 ISLAMIC REPUBLIC OF IRAN Permanent Institute e mail habibi@iasbs.ac.ir</p>	ISLAMIC REPUBLIC OF IRAN	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
29.	JHA Prafulla Kumar Research Field : Research Topic : Permanent Institute: University of Bhavnagar Department of Physics 364002 Bhavnagar INDIA Permanent Institute e mail prafullaj@yahoo.com, pkj@bhavuni.edu	INDIA	PARTICIPANT
30.	KARIMI Ebrahim Research Field : SINGULAR OPTICS, QUANTUM OPTICS, OAM AND SAM Research Topic : ORBITAL ANGULAR MOMENTUM OF LIGHT & APPLICATIONS Present institute: Universita di Napoli 'Federico II' Dipart. di Scienze Fisiche Complesso Universitario di Monte S. Angelo Via Cintia 80126 Napoli Italy Present Institute e mail karimi@na.infn.it Until when: 31 December 2009	ISLAMIC REPUBLIC OF IRAN	PARTICIPANT
31.	KENFACK JIOTSA Aurelien Research Field : Research Topic : Permanent Institute: Universite de Yaounde I Laboratoire de Mecanique Faculte' de Sciences Departement de Physique P.O.Box 812 Yaounde REPUBLIC OF CAMEROON Permanent Institute e mail jkenfack@uycdc.uninet.cm	REPUBLIC OF CAMEROON	JUNIOR ASSOCIATE

No.	NAME and INSTITUTE	Nationality	Function
32.	<p>KUMAR Ashok Research Field : SINGULAR OPTICS Research Topic : OPTICAL VORTICES</p> <p>Permanent Institute: Physical Research Laboratory Theoretical Physics Group Navrangpura 380009 Ahmedabad INDIA Permanent Institute e mail ashokk@prl.res.in</p>	INDIA	PARTICIPANT
33.	<p>MANDAL Swapan Research Field : Research Topic :</p> <p>Permanent Institute: Visva-Bharati University Department of Physics West Bengal 731 235 Santiniketan INDIA Permanent Institute e mail SWAPAN@VBHARAT.ERNET.IN,swap anvb@rediffmail.com</p>	INDIA	REGULAR ASSOCIATE
34.	<p>MIGLIORINI Elisa Research Field : BIONANOTECHNOLOGY Research Topic : ATOMIC FORCE MICROSCOPY ON NEURONS</p> <p>Permanent Institute: Laboratorio TASC INFM Area Science Park Palazzina MM S.S. 14 Km. 163.5 Basovizza 34012 Trieste ITALY Permanent Institute e mail migliorini.elisa@gmail.com, emiglio@sissa.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
35.	<p>MISHRA Manoranjan Research Field : FLUID MECHANICS</p> <p>Research Topic : INTERFACIAL FLUID MECHANICS, VISCOUS FINGERING</p> <p>Permanent Institute: Indian Institute of Science Department of Mathematics Bangalore 560 012 INDIA</p>	INDIA	PARTICIPANT
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36.	<p>MITRA Sushanta Kumar Research Field : MICROFLUIDICS, NANOFLUIDICS, BIOMEMS, POROUS MEDIA</p> <p>Research Topic : LAB-ON-A-CHIP</p>	CANADA	PARTICIPANT
	<p>Permanent Institute: University of Alberta Dept of Mechanical Engineering National Institute of Nanotechnology Micro and Nanoscale Transport Laboratory 4-9 Mechanical Engineering Building T6G 2G8 Edmonton CANADA</p> <p>Permanent Institute e mail sushanta.mitra@ualberta.ca</p>		
37.	<p>NASTASA Viorel Vasile Research Field : SPECTROSCOPY</p> <p>Research Topic : PHYSICS OF DROPLETS</p>	ROMANIA	PARTICIPANT
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No.	NAME and INSTITUTE	Nationality	Function
38.	<p>NGOM Balla Diop Research Field : MATERIALS SCIENCE</p> <p>Research Topic : NANOPHOTONICS, NANOFUIDICS AND NANOMATERIALS</p> <p>Permanent Institute: Universite' Cheikh Anta Diop UCAD Departement de Physique Groupe de Physique des Solides et Science des Materiaux B.P. 5376 Dakar Fann SENEGAL</p> <p>Permanent Institute e mail bdngom@tlabs.ac.za</p>	SENEGAL	PARTICIPANT
		Present institute: iThemba Laboratories P.O.Box 722 Somerset West 7129 Cape Province South Africa	
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39.	<p>PAKDAST SEID HOSSEIN Hossein Research Field : APPLIED PHYSICS</p> <p>Research Topic : BIOMEDICAL SENSORS</p>	DENMARK	PARTICIPANT
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40.	<p>PINATO Giulietta Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute: Universita' degli Studi di Trieste Biotechnologie Mediche C/o Ospedale di Cattinara Strada per Fiume, 447 34149 Trieste ITALY</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
41.	QAYOUM Adnan Research Field : EXPERIMENTAL HEAT TRANSFER AND FLUID MECHANICS Research Topic : ACTIVE AND PASSIVE FLOW CONTROL Permanent Institute: National Institute of Technology Department of Mechanical Engineering Hazratbal Srinagar 190006 Jammu & Kashmir INDIA Permanent Institute e mail aqayoum@gmail.com, adnan@iitk.ac.in	INDIA	PARTICIPANT
42.	RAISEE DEHKORDI Mehrdad Research Field : MICROFLUIDICS, NANOFLUIDICS, TURBULENCE Research Topic : GAS AND LIQUID FLOW PHYSICS, CFD, ELECTROKINETIC Permanent Institute: University of Tehran Department of Mechanical Engineering Kargar Shomali Street P.O. Box 11365/4563 Tehran ISLAMIC REPUBLIC OF IRAN Permanent Institute e mail mraisee@ut.ac.ir	ISLAMIC REPUBLIC OF IRAN	PARTICIPANT
43.	ROBERT DE SAINT VINCENT Matthieu Research Field : MICROFLUIDICS Research Topic : DIGITAL MICROFLUIDICS, OPTICAL ACTUATION Permanent Institute: Centre de Physique Moleculaire Optique et Hertzienne CPMOH Universite' Bordeaux I, CNRS 351 Cours de La Liberation 33405 Talence FRANCE Permanent Institute e mail m.st-vincent@cpmoh.u-bordeaux1.fr	FRANCE	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
44.	<p>SAN Sait Eren Research Field : ATOMIC AND MOLECULAR PHYSICS Research Topic : OPTICS, CHARACTERIZ. OF DIELECTRICS AND POLYMERS</p> <p>Permanent Institute: Gebze Institute of Technology Department of Physics 41400 Gebze Kocaeli TURKEY Permanent Institute e mail erens@gyte.edu.tr</p>	TURKEY	PARTICIPANT
45.	<p>SMARANDACHE MANTU Adriana Loredana Research Field : LASER SPECTROSCOPY Research Topic : MICRO-DROPLETS, OPTICAL METH. IN ENVIRON. MONIT.</p> <p>Permanent Institute: National Institute for Lasers, Plasma and Radiation Physics Atomistilor Str. Nr. 409 Magurele 077125 ROMANIA Permanent Institute e mail adriana.smarandache@inflpr.ro</p>	ROMANIA	PARTICIPANT
46.	<p>SUMRIDDETKAJORN Sarun Research Field : PHOTONICS Research Topic : BIOPHOTONICS, NANOPHOTICS, OPTOFLUIDICS</p> <p>Permanent Institute: NECTEC National Electronics and Computer Technology Center Photonics Technology Laboratory National Science and Technology Development Agency Ministry of Science and Technology 112 Thailand Science Park Phahonyothin Rd., Klong 1, Klong Luang Pathum Thani 12120 THAILAND Permanent Institute e mail sarun.sumriddetchkajorn@nectec.or.th</p>	THAILAND	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
47.	<p>TAVANO Federica</p> <p>Research Field : MOLECULAR HISTOPATOLOGY</p> <p>Research Topic : STUDY OF CELL MEMBRANES USING OPTICAL TWEEZERS</p> <p>Permanent Institute:</p> <p>Universita' degli Studi di Trieste Laboratorio Istopatologia Molecolare Dipartimento Universitario Clinico di Scienze Cliniche, Morfologiche e Tecnologiche Strada di Fiume, 447 34149 Trieste ITALY</p> <p>Permanent Institute e mail federica.tavano@gmail.com</p>	ITALY	PARTICIPANT
48.	<p>ULMEANU Magdalena</p> <p>Research Field : LASER PHYSICS</p> <p>Research Topic : MICRO AND NANOTECHNOLOGY</p> <p>Permanent Institute:</p> <p>National Institute For Laser. Plasma & Radiation Physics Department of Lasers P.O. Box Mg-36 409 Atomistilor Street Bucuresti-Magurele 077125 Bucharest ROMANIA</p> <p>Permanent Institute e mail magda.ulmeanu@inflpr.ro</p>	ROMANIA	PARTICIPANT