



The Abdus Salam
**International Centre
for Theoretical Physics**



Activity SMR: **2497**

Conference on Friction and Energy Dissipation in Man-made and Biological Systems

5 November 2013 - 8 November 2013
Trieste - ITALY

Co-sponsored by:
ERC Advanced Research Grant N. 320796;
MODPHYSFRICT (Modeling the Physics of (Nano) Friction) (through SISSA);
The Swiss Nanoscience Institute, University of Basel;
**US-National Science Foundation (through ICAM, the Institute of Complex Adaptive
Matter)**

Total Number of Visitors: 107

Final List of Participants

No.	NAME and INSTITUTE	Nationality	Function
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DIRECTOR

Total number in this function: 3

1. MEYER Ernst	SWITZERLAND	DIRECTOR
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Research Field :

Research Topic :

Permanent Institute:

University of Basel
 Condensed Matter Division
 Institute of Physics
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2. TOSATTI Erio	ITALY	DIRECTOR
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Research Field :

Research Topic :

Permanent Institute:

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3. URBAKH Michael	ISRAEL	DIRECTOR
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Research Field : **NANOTRIBOLOGY, FORCE SPECTROSCOPY, ELECTROWETTING**

Research Topic : **NANOTRIBOLOGY, FORCE SPECTROSCOPY, ELECTROWETTING**

Permanent Institute:

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No.	NAME and INSTITUTE	Nationality	Function
SPEAKER		Total number in this function: 45	
4.	ALAVA Mikko Juhani Research Field : STATISTICAL PHYSICS Research Topic : COMPLEX SYSTEMS Permanent Institute: Aalto University Department of Applied Physics P.O. Box 14100 Otakaari 4 FI-00076 Aalto FINLAND Permanent Institute e mail mikko.alava@tkk.fi	FINLAND	SPEAKER
5.	BALTRUSCHAT Helmut Research Field : ELECTROCHEMISTRY Research Topic : SURFACES Permanent Institute: Universitaet Bonn Institut fuer Physikalische und Theoretische Chemie Roemerstrasse 164 D-53117 Bonn GERMANY Permanent Institute e mail baltruschat@uni-bonn.de	GERMANY	SPEAKER
6.	BAR SINAI Yohai Research Field : CONTINUUM PHYSICS, STATISTICAL MECHANICS Research Topic : FRICTIONAL SYSTEMS, PLASTICITY Permanent Institute: Chemical Physics Department Weizmann Institute of Science P.O box 26 76100 Rehovot ISRAEL Permanent Institute e mail yohai.bar-sinai@weizmann.ac.il	ISRAEL	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
7.	<p>BECHINGER Clemens</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Universitaet Stuttgart Physikalisches Institut II Pfaffenwaldring 57 70569 Stuttgart GERMANY</p> <p>Permanent Institute e mail c.bechinger@physik.uni-stuttgart.de</p>	GERMANY	SPEAKER
8.	<p>BENASSI Andrea</p> <p>Research Field : NANOSCALE FRICTION THEORY</p> <p>Research Topic : NON MARKOVIAN LANGEVIN EQUATION</p> <p>Permanent Institute:</p> <p>EMPA Federal Institute for Material Science and Technology UeberlandStrasse 129 8600 Duebendorf Zuerich SWITZERLAND</p> <p>Permanent Institute e mail andrea.benassi@empa.ch</p>	ITALY	SPEAKER
9.	<p>BENNEWITZ Roland</p> <p>Research Field : NANOPHYSICS</p> <p>Research Topic : NANOTRIBOLOGY</p> <p>Permanent Institute:</p> <p>INM Leibniz Institut fur Neue Materialien gGmbH Campus D2 2 D-66123 Saarbrucken Saarland GERMANY</p> <p>Permanent Institute e mail roland.bennewitz@inm-gmbh.de</p>	GERMANY	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
10.	BORMUTH Volker Research Field : BIOPHYSICS, MECHANO-TRANSDUCTION, MOTOR PROTEINS Research Topic : FRICTION IN BIOLOGICAL SYSTEMS	GERMANY	SPEAKER
	Permanent Institute: Curie Institute UMR168 11, rue Marie et Pierre Curie 75005 Paris FRANCE Permanent Institute e mail volker.bormuth@curie.fr		
11.	BRAUN Oleg M. Research Field : SURFACE PHYSICS, NONLINEAR PHYSICS Research Topic : NANOTRIBOLOGY	UKRAINE	SPEAKER
	Permanent Institute: National Academy of Sciences of Ukraine Institute of Physics 46 Nauki Av. 680028 Kiev 39 UKRAINE Permanent Institute e mail obraun.gm@gmail.com		
12.	CAPOZZA Rosario Research Field : NON LINEAR DYNAMICS Research Topic : FRICTION AND TRIBOLOGY	ITALY	SPEAKER
	Permanent Institute: International School for Advanced Studies SISSA via Bonomea, 265 34136 Trieste ITALY Permanent Institute e mail rosario.capozza@gmail.com		

No.	NAME and INSTITUTE	Nationality	Function
13.	DE WIJN Astrid Silvia Research Field : STATISTICAL PHYSICS, NONLINEAR DYNAMICS Research Topic : SURFACE SCIENCE	NETHERLANDS	SPEAKER
	Permanent Institute: Department of Physics Stockholm University 106 91 Stockholm Stockholm SWEDEN Permanent Institute e mail dewijn@fysik.su.se		
14.	DI FABRIZIO Enzo Research Field : Research Topic :	ITALY	SPEAKER
	Permanent Institute: Italian Institute of Technology Via Morego, 30 Genova 16163 ITALY Permanent Institute e mail enzo.difabrizio@iit.it		
15.	DIETZEL Dirk Research Field : SOLID STATE PHYSICS, SURFACE SCIENCE, NANOSCIENCE Research Topic : SCANNING PROBE MICROSCOPY, NANOTRIBOLOGY	GERMANY	SPEAKER
	Permanent Institute: Institute of Applied Physics, Justus-Liebig-University Giessen, Giessen, Germany Heinrich Buff Ring 16 35392 Giessen Hesse GERMANY Permanent Institute e mail dirk.dietzel@ap.physik.uni-giessen.de		

No.	NAME and INSTITUTE	Nationality	Function
16.	DRUMMOND Carlos Alberto Research Field : Research Topic : Permanent Institute: Centre de Recherche Paul Pascal CNRS 115 avenue A. Schweitzer 33600 Pessac FRANCE Permanent Institute e mail drummond@crpp-bordeaux.cnrs.fr	VENEZUELA	SPEAKER
17.	FAJARDO Oscar Yovany Research Field : COMPLEX SYSTEMS Research Topic : NONLINEAR PHYSICAL MODELS IN FRICTION Permanent Institute: Exact Science Faculty, School of Chemistry, Ornstein Building Tel Aviv University Haim Levanon 55, Ramat Aviv, Tel Aviv 69978 Tel Aviv Israel ISRAEL Permanent Institute e mail oscarfajardo@post.tau.ac.il	COLOMBIA	SPEAKER
18.	FASOLINO Annalisa Research Field : CONDENSED MATTER Research Topic : GRAPHENE, CARBON, FRICTION Permanent Institute: Institute for Molecules and Materials Radboud University Heijendaalseweg 135 6525 AJ Nijmegen NETHERLANDS Permanent Institute e mail a.fasolino@science.ru.nl	ITALY	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
19.	FEDERLE Walter Research Field : Research Topic : Permanent Institute: University of Cambridge Department of Zoology Downing Street CB2 3EJ Cambridge UNITED KINGDOM Permanent Institute e mail wf222@cam.ac.uk	GERMANY	SPEAKER
20.	FERNANDEZ PHILIPPI Julio Mariano Research Field : Research Topic : Permanent Institute: Columbia University Department of Biological Sciences 1212 Amsterdam Avenue 1011A Fairchid Center New York NY 10027 UNITED STATES OF AMERICA Permanent Institute e mail jfernandez@columbia.edu	UNITED STATES OF AMERICA	SPEAKER
21.	FINEBERG Jay Research Field : Research Topic : Permanent Institute: The Hebrew University of Jerusalem Racah Institute of Physics Edmond Safra campus Givat Ram 91904 Jerusalem ISRAEL Permanent Institute e mail JAY@VMS.HUJI.AC.IL	ISRAEL	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
22.	<p>GORB Stanislav Research Field : Research Topic :</p> <p>Permanent Institute: University of Kiel Zoological Institute Department for Functional Morphology and Biomechanics Am Botanischen Garten 1-9 24098 Kiel Schleswig -Holstein GERMANY Permanent Institute e mail sgorb@zoologie.uni-kiel.de</p>	UKRAINE	SPEAKER
23.	<p>JOLY Laurent Damien Research Field : Research Topic :</p> <p>Permanent Institute: Institut Lumiere Matiere Universite Lyon I Villeurbanne FRANCE Permanent Institute e mail laurent.joly@univ-lyon1.fr</p>	FRANCE	SPEAKER
24.	<p>KAWAKATSU Hideki Research Field : SURFACE SCIENCE Research Topic : SCANNING FORCE MICROSCOPY</p> <p>Permanent Institute: Institute of Industrial Science, University of Tokyo Komaba 4-6-1, Meguro-Ku Tokyo 153-8505 Tokyo JAPAN Permanent Institute e mail kawakatu@iis.u-tokyo.ac.jp</p>	JAPAN	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
25.	<p>KISIEL Marcin</p> <p>Research Field : SOLID STATE PHYSICS - NANOTECHNOLOGY</p> <p>Research Topic : ATOMIC FORCE MICROSCOPY</p> <p>Permanent Institute:</p> <p>Departement Physik- Universitat Basel Klingelbergstrasse 82 CH-4056 Basel SWITZERLAND</p> <p>Permanent Institute e mail marcin.kisiel@unibas.ch</p>	POLAND	SPEAKER
26.	<p>KRIM Jacqueline</p> <p>Research Field : EXPERIMENTAL CONDENSED MATTER PHYSICS</p> <p>Research Topic : ENERGY DISSIPATION MECHANISMS IN FRICTION</p> <p>Permanent Institute:</p> <p>North Carolina State University Department of Physics NC 27695-7518 Raleigh UNITED STATES OF AMERICA</p> <p>Permanent Institute e mail jkrim@ncsu.edu</p>	UNITED STATES OF AMERICA	SPEAKER
27.	<p>LANTZ Mark</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>IBM Research - Zurich Saeumerstrasse 4 CH-8803 Zurich SWITZERLAND</p> <p>Permanent Institute e mail mla@zurich.ibm.com</p>	CANADA	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
28.	<p>MANINI Nicola</p> <p>Research Field : PHYSICS OF MATTER</p> <p>Research Topic : NANOFRICTION, ELECTRONIC STRUCTURE</p> <p>Permanent Institute:</p> <p>Universita' degli Studi di Milano Dipartimento di Fisica Via Celoria, 16 20133 Milano ITALY</p> <p>Permanent Institute e mail Nicola.Manini@mi.infn.it, manini@sissa.it</p>	ITALY	SPEAKER
29.	<p>MAZO Juan J</p> <p>Research Field : NONLINEAR AND STATISTICAL PHYSICS</p> <p>Research Topic : FRICTION, SUPERCONDUCTING CIRCUITS, BIOMOLECULES</p> <p>Permanent Institute:</p> <p>Universidad de Zaragoza Departamento de Física de la Materia Condensada- C-Pedro Cerbuna 12 50009 Zaragoza SPAIN</p> <p>Permanent Institute e mail juanjo@unizar.es</p>	SPAIN	SPEAKER
30.	<p>MISTURA Giampaolo</p> <p>Research Field : INTERFACIAL PHYSICS</p> <p>Research Topic : NANOFRICTION AND WETTING</p> <p>Permanent Institute:</p> <p>Universita' degli Studi di Padova Dipartimento di Fisica 'Galileo Galilei' Via Marzolo, 8 35131 Padova ITALY</p> <p>Permanent Institute e mail giampaolo.mistura@unipd.it</p>	ITALY	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
31.	<p>MUSER Martin</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Universitat Saarbrucken Lehrstuhl fur Werkstoffinformatik Campus C6.3 66123 Saarbrucken GERMANY</p> <p>Permanent Institute e mail martin.mueser@gmail.com</p>	GERMANY	SPEAKER
32.	<p>NITA Pawel</p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>IMDEA Nanociencia Campus Universitario de Cantoblanco Avda- Fco- Tomás y Valiente 7 28049 Madrid SPAIN</p> <p>Permanent Institute e mail pawel.nita@imdea.org</p>	POLAND	SPEAKER
33.	<p>NOEL Olivier</p> <p>Research Field : SURFACE PHYSICO-CHEMISTRY, CONTACT MECHANICS</p> <p>Research Topic : NANOTRIBOLOGY, ADHESION, NANO-MECHANICAL PROPERTIES</p> <p>Permanent Institute:</p> <p>CNRS Laboratory of Physics of Condensed State Materials - LPEC Avenue Olivier Messiaen 72000 Le Mans FRANCE</p> <p>Permanent Institute e mail olivier.noel@univ-lemans.fr</p>	FRANCE	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
34.	<p>PELLEGRINI Franco Research Field : CONDENSED MATTER Research Topic : NANOFRICTION Permanent Institute: SISSA International School for Advanced Studies Via Bonomea 265 34136 Trieste ITALY Permanent Institute e mail pellefra@sissa.it</p>	ITALY	SPEAKER
35.	<p>PERKIN Susan Research Field : NANO-TRIBOLOGY OF IONIC AND HYDRATED FILMS Research Topic : SURFACE FORCES, IONIC LIQUIDS, HYDRATED ION FILMS Permanent Institute: University of Oxford Department of Chemistry Physical and Theoretical Chemistry Laboratory South Parks Road OX1 3QZ Oxford UNITED KINGDOM Permanent Institute e mail susan.perkin@chem.ox.ac.uk</p>	UNITED KINGDOM	SPEAKER
36.	<p>PERSSON Bo Research Field : SURFACE SCIENCE, TRIBOLOGY Research Topic : SURFACE SCIENCE, TRIBOLOGY Permanent Institute: Forschungszentrum Julich GmbH Institut fur Festkorperforschung (IFF) D-52425 Julich GERMANY Permanent Institute e mail b.persson@fz-juelich.de</p>	SWEDEN	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
37.	PETRI Alberto Research Field : STATISTICAL PHYSICS, MATERIAL MECHANICS Research Topic : NON EQUILIBRIUM AND DISORDERED SYSTEMS	ITALY	SPEAKER
	Permanent Institute: Consiglio Nazionale delle Ricerche Istituto dei Sistemi Complessi Via del Fosso del Cavaliere 100 00133 Rome ITALY Permanent Institute e mail alberto.petri@isc.cnr.it		
38.	SCHWARZ Ulrich Sebastian Research Field : Research Topic :	GERMANY	SPEAKER
	Permanent Institute: Institut fuer Theoretische Physik Philosophenweg 19 69120 Heidelberg GERMANY Permanent Institute e mail ulrich.schwarz@bioquant.uni-heidelberg.de		
39.	SIVEBAEK Ion Marius Research Field : BOUNDARY LUBRICATION Research Topic : MOLECULAR DYNAMICS	DENMARK	SPEAKER
	Permanent Institute: Tech Univ Den Mechanical Engineering Building 427S, 2800 Lyngby DENMARK Permanent Institute e mail ims@mek.dtu.dk		

No.	NAME and INSTITUTE	Nationality	Function
40.	SPENCER Nicholas David Research Field : Research Topic : Permanent Institute: ETH - Swiss Federal Institute of Technology Department of Materials Laboratory for Surface Science and Technology Wolfgang-Pauli-Strasse 10 8093 Zurich SWITZERLAND Permanent Institute e mail spencer@mat.ethz.ch	UNITED KINGDOM	SPEAKER
41.	SZLUFARSKA Izabela Research Field : COMPUTATIONAL MATERIALS SCIENCE Research Topic : NANOTRIBOLOGY, NANOBIOMECHANICS, NUCLEAR MATERIALS Permanent Institute: The University of Wisconsin Department of Materials Science & Engineering 1509 University Ave 53706-1595 Madison WI UNITED STATES OF AMERICA Permanent Institute e mail izabela@enr.wisc.edu	POLAND	SPEAKER
42.	TIERNO Pietro Research Field : Research Topic : Permanent Institute: Departament d-Estructura i Constituents de la Materia Facultat de Fisica Universitat de Barcelona Martí i Franquès 1 08028 Barcelona Catalunya SPAIN Permanent Institute e mail ptierno@ub.edu	ITALY	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
43.	<p>TRETIAKOV Konstantin Research Field : STATISTICAL AND COMPUTATIONAL PHYSICS Research Topic : EQUILIBRIUM AND NON-EQUILIBRIUM SYSTEMS</p> <p>Permanent Institute: Polish Academy of Sciences Institute of Molecular Physics Ul. Smoluchowskiego 17/19 PL 60 179 Poznan POLAND Permanent Institute e mail kvt@ifmpan.poznan.pl</p>	BELARUS	SPEAKER
44.	<p>VOITCHOVSKY Kislon Research Field : Research Topic :</p> <p>Permanent Institute: Department of Materials Science & Engineering Ecole Polytechnique Federal de Lausanne STI IMX SUNMIL MXG 030 Batiment MXG Station 12 CH 1015 Lausanne SWITZERLAND Permanent Institute e mail kislou.voitchovsky@epfl.ch</p>	RUSSIAN FEDERATION	SPEAKER
45.	<p>VOLOKITIN Alexander I. Research Field : NANOPHYSICS, NANOTRIBOLOGY Research Topic : NONCONTACT FRICTION, RADIATIVE HEAT TRANSFER</p> <p>Permanent Institute: Samara State Technical University Department of Physics Molodogvardeiskaya Ul. 244 443100 Samara RUSSIAN FEDERATION Permanent Institute e mail alevolokitin@yandex.ru</p>	RUSSIAN FEDERATION	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
46.	WIESENDANGER Roland Research Field : Research Topic : Permanent Institute: Universitat Hamburg Institut fur Angewandte Physik Jungiusstrasse 11 D-20355 Hamburg GERMANY Permanent Institute e mail wiesendanger@physnet.uni-hamburg.de,	GERMANY	SPEAKER
47.	ZAPPONE Bruno Research Field : Research Topic : Permanent Institute: Consiglio Nazionale delle Ricerche Istituto per i Processi ChimicoFisici Liquid Crystal Laboratory Universita della Calabria Cubo 33/b Rende 87100 ITALY Permanent Institute e mail bruno.zappone@fis.unical.it	ITALY	SPEAKER
48.	ZHENG Quanshui Research Field : NANO MECHANICS Research Topic : SUPERLUBRICITY, NANODEVICES, WETTING Permanent Institute: Department of Engineering Mechanics and Center for Nano and Micro Mechanics, Tsinghua University Tsinghua University 100084 Beijing Beijing PEOPLE'S REPUBLIC OF CHINA Permanent Institute e mail zhengqs@tsinghua.edu.cn	PEOPLE'S REPUBLIC OF CHINA	SPEAKER

No.	NAME and INSTITUTE	Nationality	Function
PARTICIPANT		Total number in this function: 59	
49.	ASADI KHIAVI Yousef Research Field : NANO-MECHANICAL MODELLING Research Topic : DYNAMIC RESPONSE OF SYSTEMS IN NANO SCALE Permanent Institute: IBAKH GmbH Täferstrasse 22A 5405 Baden AG SWITZERLAND Permanent Institute e mail Yousef.Asadi-Khiavi@IBAKH.CH	ISLAMIC REPUBLIC OF IRAN	PARTICIPANT
50.	BAREL Itay Research Field : NANOTRIBOLOGY, FORCE SPECTROSCOPY Research Topic : NANOTRIBOLOGY, FORCE SPECTROSCOPY Permanent Institute: Tel Aviv University School of Chemistry Haim Levanon 69978 Tel Aviv Israel ISRAEL Permanent Institute e mail itayabar@post.tau.ac.il	ISRAEL	PARTICIPANT
51.	BAYART Elsa Research Field : Research Topic : Permanent Institute: Racah Institute of Physics The Hebrew University Givat Ram 91904 Jerusalem ISRAEL Permanent Institute e mail elsa.bayart@gmail.com	FRANCE	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
52.	BERGUES PUPO Ana Elisa Research Field : BIOLOGICAL PHYSICS Research Topic : MESOSCOPIC DYNAMICS MODELING OF DNA	CUBA	PARTICIPANT
	Permanent Institute: Departamento de Fisica Facultad de Ciencias Naturales Universidad de Oriente Avenida Patricio Lumumba S/N 90500 Santiago De Cuba CUBA Permanent Institute e mail anabergues@cnt.uo.edu.cu	Present institute: Departamento de Fisica de la Materia Condensada Universidad de Zaragoza C. Pedro Cerbuna No. 12 50007 Zaragoza Spain	Present Institute e mail 676108@celes.unizar.es Until when: 1 January 2015
53.	BERKOVICH Ronen Research Field : BIOPHYSICS Research Topic : FORCE-SPECTROSCOPY, SINGLE-MOLECULE, HOFMEISTER	ISRAEL	PARTICIPANT
	Permanent Institute: Department of Chemical Engineering Ben Gurion University Beersheva 84105 ISRAEL Permanent Institute e mail berkovir@post.bgu.ac.il		
54.	BORLENGHI Simone Research Field : SPINTRONICS Research Topic : SPIN-CALORITRONICS	ITALY	PARTICIPANT
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No.	NAME and INSTITUTE	Nationality	Function
55.	CHEN Wei Research Field : STATISTICAL PHYSICS Research Topic : COMPLEX SYSTEMS AND MATERIALS Permanent Institute: Aalto University School of Science Department of Applied Physics Aalto University P.O. Box 14100 FI-00076 AALTO Espoo FINLAND	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
56.	CRESPO HERNANDEZ Yanier Research Field : Research Topic :	CUBA	PARTICIPANT
	ycrespo@ictp.it		31 October 2013
57.	DAGDEVIREN Omur Erdinc Research Field : SCANNING PROBE MICROSCOPY Research Topic : NON-CONTACT ATOMIC FORCE MICROSCOPY Permanent Institute: Yale University Graduate School School of Engineering and Applied Sciences Nanoprobe Group 15 Prospect Street. Room 308A New Haven 06511 CT UNITED STATES OF AMERICA Permanent Institute e mail omur.dagdeviren@yale.edu	TURKEY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
58.	DI CARLO Antonio Research Field : MATERIALS PHYSICS Research Topic : MULTISCALE MATHEMATICAL MODELLING	ITALY	PARTICIPANT
	Permanent Institute: Modelling Simulation Lab Department of Mathematics and Physics Universita Roma Tre Via Corrado Segre, 6 I-00146 Roma ITALY Permanent Institute e mail adicarlo@mac.com		
59.	DJUIDJE KENMOE - ALOYEM K. Germaine Research Field : NANOTRIBOLOGY Research Topic : FRICTION AND STICK-SLIP PHENOMENA, CHAOS, CONTROL	REPUBLIC OF CAMEROON	PARTICIPANT
	Permanent Institute: University of Yaounde I Faculty of Science Department of Physics Laboratory of Mechanics P-O Box 812 Yaounde REPUBLIC OF CAMEROON Permanent Institute e mail kdjuidje@yahoo.fr		
60.	DONG Hualai Research Field : MICRO/NANO SUPERLUBRICATIVE DEVICES Research Topic : SUPERLUBRICITY	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
	Permanent Institute: Center for Nano and Micro Mechanics, Tsinghua University Haidian District 100084 Beijing PEOPLE'S REPUBLIC OF CHINA Permanent Institute e mail donghl12@mails.tsinghua.edu.cn		

No.	NAME and INSTITUTE	Nationality	Function
61.	<p>DOROGIN Leonid</p> <p>Research Field : NANOTRIBOLOGY, NANOSCALE MECHANICS</p> <p>Research Topic : NANOPARTICLES AND NANOWIRES MECHANICS</p> <p>Permanent Institute:</p> <p>Institute of Physics, University of Tartu Riia str. 142 51014 Tartu ESTONIA</p> <p>Permanent Institute e mail dlmlong@gmail.com</p>	RUSSIAN FEDERATION	PARTICIPANT
62.	<p>ESCOBAR SOTOMAYOR Juan Valentin</p> <p>Research Field : SURFACE PHYSICS</p> <p>Research Topic : TRIBOLOGY, CONTROL OF FRICTION AND ADHESION</p> <p>Permanent Institute:</p> <p>Instituto de Fisica Universidad Nacional Autonoma de Mexico UNAM Circuito de la Investigacion Cientifica Ciudad Universitaria Mexico City 04510 MEXICO</p> <p>Permanent Institute e mail escobar@fisica.unam.mx</p>	MEXICO	PARTICIPANT
63.	<p>FREDRICKS Zachary Brian</p> <p>Research Field : NANOTRIBOLOGY</p> <p>Research Topic : MAGNETIC MECHANISMS OF ATOMIC SCALE FRICTION</p> <p>Permanent Institute:</p> <p>Group of Prof. Jacqueline Krim Nanoscale Tribology Lab North Carolina State University 851 Main Campus Dr. Raleigh 27695-7518 North Carolina UNITED STATES OF AMERICA</p> <p>Permanent Institute e mail zfredri@ncsu.edu</p>	UNITED STATES OF AMERICA	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
64.	GAO Hong Research Field : COMPLEX SYSTEM, EVOLUTION THEORY , PLASMA PHYSICS Research Topic : GENERAL PRINCIPLE OF COMPLEX SYSTEM Permanent Institute: Department of Physics Dalian Maritime University Linghai Road No.1 116026 Dalian Liaoning Province PEOPLE'S REPUBLIC OF CHINA Permanent Institute e mail phygao@gmail.com, hgao79@gmail.com	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
65.	GNECCO Enrico Research Field : SURFACE SCIENCE Research Topic : NANOTRIBOLOGY Permanent Institute: IMDEA Nanociencia Campus Universitario de Cantoblanco Avda- Fco- Tomás y Valiente 7 28049 Madrid SPAIN Permanent Institute e mail enrico.gnecco@imdea.org	ITALY	PARTICIPANT
66.	GOMEZ SOLANO Juan Ruben Research Field : Research Topic : Permanent Institute: Universitaet Stuttgart Physikalisches Institut II Pfaffenwaldring 57 70569 Stuttgart GERMANY Permanent Institute e mail r.gomez@physik.uni-stuttgart.de	MEXICO	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
67.	GUERRA Roberto Research Field : CONDENSED MATTER PHYSICS Research Topic : FRICTION AND OPTICS IN NANOSTRUCTURES Permanent Institute: En&Tech - Dipartimento di Scienze e Metodi dell'Ingegneria Universita' di Modena e Reggio Emilia Via Amendola 2, Pad. Morselli Reggio Emilia 42122 ITALY Permanent Institute e mail robguerra@unimore.it	ITALY	PARTICIPANT
68.	HASSANALI Ali Research Field : Research Topic : Permanent Institute: Computational Science Laboratory Department of Chemistry & Applied Biosciences ETH Zurich USI Campus Via Giuseppe Buffi 13 CH-6900 Lugano SWITZERLAND Permanent Institute e mail ali.hassanali@phys.chem.ethz.ch	UNITED REPUBLIC OF TANZANIA	PARTICIPANT Present institute: The Abdus Salam International Centre for Theoretical Physics Condensed Matter and Statistical Physics Section Strada Costiera 11 34151 Trieste Italy Present Institute e mail ahassana@ictp.it Until when: 27 August 2016
69.	HEEPE Lars Research Field : TRIBOLOGY Research Topic : ADHESION OF BIO-INSPIRED MICROSTRUCTURES Permanent Institute: Functional Morphology & Biomechanics, Department of Zoology, University of Kiel Am Botanischen Garten 1-9 Kiel GERMANY Permanent Institute e mail lheepe@zoologie.uni-kiel.de	GERMANY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
70.	<p>HEGDE Adarsh Karopady Research Field : TRIBOLOGY Research Topic : WEAR, SUBSURFACE DEFORMATION, CONTACT MECHANICS Permanent Institute: Ceramics Lab, Dept. of Materials Engineering, Indian Institute of Science C. V. Raman Avenue Bangalore 560012 Karnataka INDIA Permanent Institute e mail hkadarsh@platinum.materials.iisc.ernet. in</p>	INDIA	PARTICIPANT
71.	<p>HOFFMAN Emily Research Field : BIOMATERIALS, TRANSMISSION ELECTRON MICROSCOPY Research Topic : TRIBOLOGY, METAL-ON-METAL HIP IMPLANTS Permanent Institute: Northwestern University The Graduate School Materials Science and Engineering Department Dr. Laurence D. Marks Research Group 2220 Campus Drive, Cook Hall Room 2036 Evanston 60208-3108 IL UNITED STATES OF AMERICA Permanent Institute e mail eh@u.northwestern.edu</p>	UNITED STATES OF AMERICA	PARTICIPANT
72.	<p>INVERNIZZI Michele Research Field : NONE Research Topic : STRUCTURE OF MATTER Permanent Institute: Universita degli Studi di Milano- facolta di Scienze e Tecnologie- dipartimento di Fisica via Celoria 16 Milano 20100 Lombardia ITALY Permanent Institute e mail michele.invernizzi1@studenti.unimi.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
73.	<p>KHOMENKO Oleksii Vitalievych</p> <p>Research Field : STATISTICAL THEORY AND MOLECULAR DYNAMICS</p> <p>Research Topic : TRIBOLOGICAL PHENOMENA IN NANO-DIMENSIONAL SYSTEMS</p> <p>Permanent Institute: Sumy State University Department of Complex Modelling Systems Rimsky Korsakov St., 2 40007 Sumy UKRAINE Permanent Institute e mail khom@mss.sumdu.edu.ua</p>	UKRAINE	PARTICIPANT
74.	<p>LIAO Yifeng</p> <p>Research Field : TRIBOLOGY, ELECTRON MICROSCOPY, HIP REPLACEMENT</p> <p>Research Topic : WEAR, SURFACE, STRUCTURE</p> <p>Permanent Institute: Department of Materials Science and Engineering, Northwestern University 2220 Campus Dr. Evanston 60208 IL UNITED STATES OF AMERICA Permanent Institute e mail yifeng-liao@northwestern.edu</p>	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
75.	<p>LIN Fang Yin</p> <p>Research Field : COMPUTATIONAL MATERIALS</p> <p>Research Topic : NANOMECHANICAL AND NANOTRIBOLOGY PROPERTIES</p> <p>Permanent Institute: Material Science and Engineering Department University of Florida Computational Materials Science Focus Group 100 Rhines Hall Gainesville 32611-6400 Florida UNITED STATES OF AMERICA Permanent Institute e mail admost@ufl.edu</p>	TAIWAN, CHINA	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
76.	<p>LIU Xin Zhou</p> <p>Research Field : NANOTRIBOLOGY</p> <p>Research Topic : ATOMIC FRICTION</p> <p>Permanent Institute:</p> <p>University of Pennsylvania 220 S. 33rd St., Room 112 Towne Building Philadelphia 19104 Pennsylvania UNITED STATES OF AMERICA Permanent Institute e mail xinzliu@seas.upenn.edu</p>	NETHERLANDS	PARTICIPANT
77.	<p>LORENZ Boris</p> <p>Research Field : CONTACT MECHANICS, RUBBER FRICTION AND TRIBOLOGY</p> <p>Research Topic : PERSSON THEORY AND APPLICATION</p> <p>Permanent Institute:</p> <p>Research Centre Julich Institute of Solid State Research Theory I 52425 Julich Nordrhein-Westfalen GERMANY Permanent Institute e mail b.lorenz@fz-juelich.de</p>	GERMANY	PARTICIPANT
78.	<p>LYASHENKO Iakov</p> <p>Research Field : NANOTRIBOLOGY, PHASE TRANSITIONS, SYNEGRETICS</p> <p>Research Topic : BOUNDARY FRICTION, STICK-SLIP REGIME, FLUCTUATIONS</p> <p>Permanent Institute:</p> <p>Sumy State University, Faculty of Electronics and Information Technologies, Complex Systems Modelling Department 2 Rimsky-Korsakov Str. Sumy 40007 Sumy Region UKRAINE Permanent Institute e mail nabla04@ukr.net</p>	RUSSIAN FEDERATION	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
79.	MA Ming Research Field : SURFACE SCIENCE, DIFFUSION, FRICTION Research Topic : WATER IN CNTS, WATER ON SURFACE Permanent Institute: London Centre for Nanotechnology 17-19 Gordon Street London WC1H 0AH UNITED KINGDOM Permanent Institute e mail m.ma@ucl.ac.uk	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
80.	MANDELLI Davide Research Field : CONDENSED MATTER PHYSICS Research Topic : FRICTION AT NANO AND MESO SCALE Permanent Institute: International School for Advanced Studies SISSA via Bonomea 265 Trieste 34136 Italy ITALY Permanent Institute e mail davide.mandelli@sissa.it	ITALY	PARTICIPANT
81.	MANZATO Claudio Research Field : FRICTION, FRACTURE MECHANICS Research Topic : MULTISCALE FRICTION MODELING, LIQUID CRYSTALS Permanent Institute: COMP Centre of Excellence, Department of Applied Physics, School of Science, Aalto University Otakaari 1M Espoo FINLAND Permanent Institute e mail claudio.manzato@aalto.fi	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
82.	<p>MIKSIC Amandine Research Field : PHYSICS, MECHANICS OF MATERIALS</p> <p>Research Topic : DISORDERED MATERIALS, GRANULAR MATTER,</p> <p>Permanent Institute: Istituto dei Sistemi Complessi - CNR Area di Ricerca di Roma-Tor Vergata via del Fosso del Cavaliere, 100 Rome 00133 ITALY Permanent Institute e mail amandine.miksic@artov.isc.cnr.it</p>	FRANCE	PARTICIPANT
83.	<p>MUTHU Kumar M Research Field : TRIBOLOGY</p> <p>Research Topic : NANOTRIBOLOGY, CONTACT MECHANICS, BIOTRIBOLOGY</p> <p>Permanent Institute: Indian Institute of Science, Bangalore Force Microscopy Lab, Department of Mechanical Engineering, Bangalore 560012 Karnataka INDIA Permanent Institute e mail mkumar@mecheng.iisc.ernet.in</p>	INDIA	PARTICIPANT
84.	<p>NEGRI Carlotta Research Field : CONDENSED MATTER PHYSICS</p> <p>Research Topic : FRICTION AT INTERFACES</p> <p>Permanent Institute: CNR IENI Milano Via Roberto Cozzi, 53 Milano 20125 ITALY Permanent Institute e mail carlotta.negri@cnr.ieni.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
85.	<p>NICOLINI Paolo</p> <p>Research Field : COMPUTER SIMULATIONS OF TRIBOLOGICAL SYSTEMS</p> <p>Research Topic : CLASSIC MD, FIRST PRINCIPLE CALCULATION, FRICTION</p> <p>Permanent Institute:</p> <p>Department of Control Engineering Czech Technical University Prague CZECH REPUBLIC</p> <p>Permanent Institute e mail niko_pd@yahoo.com</p>	ITALY	PARTICIPANT
86.	<p>OUYANG Wengen</p> <p>Research Field : SOLID MECHANICS</p> <p>Research Topic : MICRO- AND NANO- MECHANICS</p> <p>Permanent Institute:</p> <p>Department of Engineering Mechanics School of Aerospace Center for Nano and Micro Mechnics Tsinghua University Tsinghua University 100084 Beijing Beijing PEOPLE'S REPUBLIC OF CHINA</p> <p>Permanent Institute e mail w.g.ouyang@gmail.com</p>	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT
87.	<p>PAOLICELLI Guido</p> <p>Research Field : SURFACE SCIENCE, TRIBOLOGY</p> <p>Research Topic : FRICTION AT THE NANOSCALE, AFM BASED MEASUREMENT</p> <p>Permanent Institute:</p> <p>Istituto Nanoscienze, CNR Via Campi 213 41125 Modena ITALY</p> <p>Permanent Institute e mail guido.paolicelli@nano.cnr.it</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
88.	<p>PARISSE Pietro Research Field : Research Topic :</p> <p>Permanent Institute: SISSA Elettra Nanoinnovation Laboratory Sincrotrone Trieste SS 14 km 163.5 in Area Science Park Basovizza 34012 Trieste ITALY Permanent Institute e mail pietro.parisse@elettra.trieste.it</p>	ITALY	PARTICIPANT
89.	<p>PARONUZZI TICCO Stella Valentina Research Field : Research Topic :</p> <p>Permanent Institute: Universita' degli Studi di Milano Physics department Via Celoria 16 Milano 20133 ITALY Permanent Institute e mail stella.paronuzzi@gmail.com</p>	ITALY	PARTICIPANT
90.	<p>PAWLAK Remy Research Field : SCANNING PROBE MICRSOCOPY, MOLECULE, SPECTROSCOPY Research Topic : MOLECULAR FRICTION, STM, SPECTROSCOPY, TRIBOLOGY</p> <p>Permanent Institute: Department of Physics University of Basel Klingelbergstrasse 82 4056 Basel SWITZERLAND Permanent Institute e mail remy.pawlak@unibas.ch</p>	FRANCE	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
91.	<p>POBRE Romeric Ferrer Research Field : NANO BIOPHOTONICS</p> <p>Research Topic : NONLINEAR OPTICS, LIGHT-MATTER INTERACTION, ESD</p> <p>Permanent Institute: De La Salle University Department of Physics 2401 Taft Avenue Malate, Manila 1004 PHILIPPINES Permanent Institute e mail romeric.pobre@dlsu.edu.ph</p>	PHILIPPINES	PARTICIPANT
92.	<p>RAMADOSS Radhika Research Field : TRIBOLOGY</p> <p>Research Topic : FRICTION OF NANO COMPOSITES AND CARBON MATERIALS</p> <p>Permanent Institute: Anna University Sardar Patel road Chennai 600025 Tamilnadu INDIA Permanent Institute e mail ariesradhi@googlemail.com</p>	INDIA	PARTICIPANT
93.	<p>REENBOHN Wandahun Longtraï Research Field : NONEQUILIBRIUM STATISTICAL PHYSICS</p> <p>Research Topic : NOISE ASSISTED TRANSPORT PHENOMENA</p> <p>Permanent Institute: PhD Scholar, Department of Physics, North Eastern Hill University Mawkynroh - Umshing Shillong 793022 Meghalaya INDIA Permanent Institute e mail wanda_reenbohn@yahoo.com</p>	INDIA	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
94.	<p>RICCI Maria</p> <p>Research Field : INTERFACES</p> <p>Research Topic : SOLID-LIQUID INTERFACE (ATOMIC FORCE MICROSCOPY)</p> <p>Permanent Institute:</p> <p>Ecole Polytechnique Federale de Lausanne SUNMIL Laboratory Lausanne CH-1015 SWITZERLAND</p> <p>Permanent Institute e mail maria.ricci@epfl.ch</p>	ITALY	PARTICIPANT
95.	<p>ROAT Gianmaria Enea</p> <p>Research Field : FRICTION</p> <p>Research Topic : FRICTION IN COLLOIDAL SYSTEMS</p> <p>Permanent Institute:</p> <p>Universita degli Studi di Milano- Dipartimento di Fisica Via Celoria 16 Milan 20100 ITALY</p> <p>Permanent Institute e mail enea.roat@studenti.unimi.it</p>	ITALY	PARTICIPANT
96.	<p>SARRACINO Alessandro</p> <p>Research Field : STATISTICAL PHYSICS</p> <p>Research Topic : NON-EQUILIBRIUM STATISTICAL MECHANICS</p> <p>Permanent Institute:</p> <p>ISC-CNR and Dipartimento di Fisica Universita' degli Studi di Roma La Sapienza Piazzale Aldo Moro 2 Roma 00185 ITALY</p> <p>Permanent Institute e mail ale.sarracino@gmail.com</p>	ITALY	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
97.	SHARP Tristan Research Field : SOFT CONDENSED MATTER AND INTERFACES Research Topic : CONTACT MECHANICS AND FRICTION Permanent Institute: Johns Hopkins University 3400 N Charles St Baltimore 21218 Maryland UNITED STATES OF AMERICA Permanent Institute e mail tsharp@pha.jhu.edu	UNITED STATES OF AMERICA	PARTICIPANT
98.	SHLOMAI Hadar Research Field : NONLINEAR PHYSICS Research Topic : FRICTION Permanent Institute: Prof. J. Fineberg Lab, Racah Institute for Physics Edmond J. Safra Campus, Givat Ram The Hebrew University of Jerusalem Givat Ram 91904 Jerusalem Israel ISRAEL Permanent Institute e mail hadar.shlomain@mail.huji.ac.il	ISRAEL	PARTICIPANT
99.	SMOLYAKOVA Marina Research Field : MATIREAL SCIENCE Research Topic : TRIBOLOGY, SURFACE MODIFICATION, NITRIDING Permanent Institute: Belgorod State University, Centre of nanostructural materials and nanotechnologies 2 a, Koroleva st. 308034 Belgorod Belgorod region RUSSIAN FEDERATION Permanent Institute e mail SmolyakovaMarina@mail.ru	RUSSIAN FEDERATION	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
100.	TADA Toshio Research Field : RHEOLOGY Research Topic : RHEOLOGY, TRIBOLOGY, FRICTION, FAILURE MECHANICS Permanent Institute: Sumitomo Rubber Industries, Ltd. 2-1-1, Tsutsui-cho, Chuo-ku Kobe 650-0004 JAPAN Permanent Institute e mail t-tada.cx@srigroup.co.jp	JAPAN	PARTICIPANT
101.	TALONI Alessandro Research Field : STATISTICAL MECHANICS Research Topic : COMPLEX SYSTEMS Permanent Institute: National Research Council of Italy CNR-IENI Via Roberto Cozzi 53 Milano 20125 ITALY Permanent Institute e mail alessandro.taloni@ieni.cnr.it	ITALY	PARTICIPANT Present institute: Centro Nazionale delle Ricerche Istituto per l'energetica e le interfaci Via R. Cozzi 53 Milano 20125 Italy Present Institute e mail alessandro.taloni@ieni.cnr.it Until when: 30 June 2014
102.	TASNIM Ismita Research Field : PLASMA PHYSICS, NONLINEAR STRUCTURE Research Topic : DUSTY PLASMA, WAVES IN PLASMA Permanent Institute: Plasma Physics Research Lab Department of Physics Jahangirnagar University Savar 1342 Dhaka BANGLADESH Permanent Institute e mail ismita.tasnim@yahoo.com	BANGLADESH	PARTICIPANT Present institute: Plasma Physics Research Lab, Department of Physics, Jahangirnagar University Savar, Dhaka-1342 1342 Dhaka Savar Bangladesh Present Institute e mail ismita.tasnim@yahoo.com Until when: 31 December 2013

No.	NAME and INSTITUTE	Nationality	Function
103.	<p>TRIPATHI Manoj Research Field : TRIBOLOGY AT NANOSCALE Research Topic : AFM, GRAPHENE, CVD, GRAPHITE, RAMAN SPECTROSCOPY Permanent Institute: University of Modena and Reggio Emilia, Faculty of Science, Department of Physics, Via campi 213 Modena 41125 ITALY Permanent Institute e mail manoj.tripathi@unimore.it</p>	INDIA	PARTICIPANT
104.	<p>TURINSKE Alexander James Research Field : FLUID MECHANICS Research Topic : NANOFLUIDICS ON UNIQUE SURFACES Permanent Institute: Georgia Institute of Technology 837 State Street Atlanta 30332 Georgia UNITED STATES OF AMERICA Permanent Institute e mail aturinske3@gatech.edu</p>	UNITED STATES OF AMERICA	PARTICIPANT
105.	<p>VAN WIJK Merel Marieke Research Field : FRICTION Research Topic : NANOSCALE TRIBOLOGY ON GRAPHITE AND RELATED SYSTEM Permanent Institute: Theory of Condensed Matter Institute for Molecules and Materials Radboud University Nijmegen Heyendaalseweg 135 6525 AJ Nijmegen NETHERLANDS Permanent Institute e mail mwijk@science.ru.nl</p>	NETHERLANDS	PARTICIPANT

No.	NAME and INSTITUTE	Nationality	Function
106.	<p>VANOSI Andrea Research Field : CONDENSED MATTER Research Topic : FRICTION, ATOMISTIC SIMULATIONS</p> <p>Permanent Institute: CNR-IOM DEMOCRITOS & SISSA Via Bonomea 265 Trieste ITALY Permanent Institute e mail vanossi@sissa.it</p>	ITALY	PARTICIPANT
107.	<p>ZHAO Qi Research Field : MATHEMATICAL BIOPHYSICS AND SYSTEM BIOLOGY Research Topic : MATHEMATICAL MODELING ABOUT CELLULAR NETWORKS</p> <p>Permanent Institute: School of Mathematics, Liaoning University No.66 Chongshan Zhonglu, Huanggu District 110036 Shenyang Liaoning PEOPLE'S REPUBLIC OF CHINA Permanent Institute e mail zhaoqi.shenyang@gmail.com</p>	PEOPLE'S REPUBLIC OF CHINA	PARTICIPANT