



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



Activity SMR: **3187**

# Latin American Introductory School on Parallel Programming and Parallel Architecture for High Performance Computing

12 February 2018 - 23 February 2018  
Mexico - MEXICO

*Co-sponsors:*

**EPCC, Cinvestav, Abacus Cinvestav, ININ,  
Azcapotzalco, MCTP, CONACYT, CYTED, CADING**

**Total Number of Visitors: 58**

**Final List of Participants**

Updated: 9 March 2018

No.	NAME and INSTITUTE	Nationality	Function
<b>DIRECTOR</b>		<b>Total number in this function: 5</b>	
1.	<b>GIROTTO Ivan</b> Research Field :  Research Topic :  Permanent Institute: Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 34151 Trieste ITALY Permanent Institute e mail    igitro@ictp.it	ITALY	<b>DIRECTOR</b>
2.	<b>GITLER Isidoro</b> Research Field :  Research Topic :  Permanent Institute: Centro de Investigacion y Estudios Avanzados, CINVESTAV Abacus Departamento de Matematicas Av. Instituto Politécnico Nacional no.2508 Col. San Pedro Zacatenco Mexico City D.F. 07360 MEXICO Permanent Institute e mail    igitler@math.cinvestav.edu.mx	MEXICO	<b>DIRECTOR</b>
3.	<b>KLAPP ESCRIBANO Jaime Lazaro</b> Research Field : <b>COMPUTATIONAL FLUID DYNAMICS</b>  Research Topic : <b>ASTROPHYSICS AND FLUID DYNAMICS</b>  Permanent Institute: Centro de Investigacion y Estudios Avanzados, CINVESTAV Abacus Departamento de Matematicas Av. Instituto Politécnico Nacional no.2508 Col. San Pedro Zacatenco Mexico City D.F. 07360 MEXICO Permanent Institute e mail    jaime.klapp@hotmail.com	MEXICO	<b>DIRECTOR</b>

No.	NAME and INSTITUTE	Nationality	Function
4.	<p><b>SANTOS Rodriguez Eli</b></p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Mesoamerican Centre for Theoretical Physics            4a Oriente Norte No. 1428            Tuxtla Gutierrez            Chiapas            MEXICO</p> <p>Permanent Institute e mail    esantos@mctp.mx, eli@unach.mx</p>	MEXICO	<b>DIRECTOR</b>
5.	<p><b>SIGALOTTI Leonardo</b></p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Universidad Autonoma Metropolitana-Azcapotzalco            Depart. de Ciencias Basicas            San Pablo #180 Colonia Reynosa            Tamaulipas            Delegacion            02200 Azcapotzalco            MEXICO</p> <p>Permanent Institute e mail    leonardo.sigalotti@gmail.com</p>	ITALY	<b>DIRECTOR</b>

No.	NAME and INSTITUTE	Nationality	Function
<b>LECTURER</b>		<b>Total number in this function: 3</b>	
6.	<b>BANGERTH Wolfgang</b> Research Field : <b>COMPUTATIONAL MATHEMATICS</b>  Research Topic : <b>FINITE ELEMENT METHODS, COMPUTATIONAL SOFTWARE</b>  Permanent Institute: Colorado State University Department of Mathematics Colorado 80523 Fort Collins UNITED STATES OF AMERICA Permanent Institute e mail bangerth@colostate.edu	GERMANY	<b>LECTURER</b>
7.	<b>BERGER Richard Felix</b> Research Field : <b>SCIENTIFIC AND HIGH-PERFORMANCE COMPUTING</b> Research Topic : <b>DEVELOP, PERFORM.ANALYSIS,DEBUG. PAR.SCI. SOFTWARE</b>  Permanent Institute: Temple University Department of Mathematics Pennsylvania PA 19122 Philadelphia UNITED STATES OF AMERICA Permanent Institute e mail richard.berger@temple.edu	AUSTRIA	<b>LECTURER</b>
8.	<b>PRINGLE Gavin J.</b> Research Field : <b>HPC CONSULTANT</b>  Research Topic : <b>OPT.CLOUD HPC,PERSONALIS.MEDICINE,INTELLIGENTBUI</b>  Permanent Institute: Edinburgh Parallel Computing Centre University of Edinburgh Peter Guthrie Tait Road Edinburgh EH9 3FD UNITED KINGDOM Permanent Institute e mail gavin@epcc.ed.ac.uk	UNITED KINGDOM	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
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**TUTOR**

**Total number in this function: 5**

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|-----|---|---|--------------|
| 9.  | <p><b>AGUILAR MENA Jimmy</b><br/>           Research Field : <b>NUCLEAR PHYSICS</b><br/><br/>           Research Topic : <b>MONTECARLO SIMULATION, GEANT4, ROOT</b><br/><br/>           Permanent Institute:<br/>           Basic Sciences Department<br/>           Agrarian University of Havana<br/>           km 24 y medio, national Highway<br/>           32700 San Jose De Las Lajas<br/>           Mayabeque, Cuba<br/>           CUBA<br/>           Permanent Institute e mail kratsbinovish@gmail.com</p> | CUBA  | <b>TUTOR</b> |
|     |   | Present institute:<br>Barcelona Supercomputing Center<br>Edifici K2M<br>C/ Jordi Girona, 1-3<br>08034 Barcelona<br>Spain<br><br>Present Institute e mail kratsbinovish@gmail.com<br>Until when: <b>31 December 2018</b> |              |
| 10. | <p><b>BRENES NAVARRO Marlon Esteban</b><br/>           Research Field : <b>PHYSICS/CHEMICAL ENGINEERING</b><br/><br/>           Research Topic : <b>COMPLEX AND NONLINEAR DYNAMICS/PROCESS DESIGN</b><br/><br/>           Permanent Institute:<br/>           Trinity College Dublin<br/>           College Green<br/>           Dublin 2 Dublin<br/>           IRELAND<br/>           Permanent Institute e mail brenesnm@tcd.ie</p>   | COSTA RICA  | <b>TUTOR</b> |
| 11. | <p><b>LUNA GARCIA Rene</b><br/>           Research Field :<br/><br/>           Research Topic :<br/><br/>           Permanent Institute:<br/>           Centro de Investigacion Y de Estudios Avanzados del<br/>           Instituto Politecnico Nacional (Cinvestav)<br/>           Av. Instituto Politecnico<br/>           Nacional. 2508<br/>           Col.San Pedro Zacatenco<br/>           07360 Mexico City<br/>           MEXICO<br/>           Permanent Institute e mail rene.luna.garcia@gmail.com</p>   | MEXICO  | <b>TUTOR</b> |

No.	NAME and INSTITUTE	Nationality	Function
12.	<p><b>OQUENDO PATINO William Fernando</b></p> <p>Research Field : <b>GRANULAR PHYSICS, COMP. PHYSICS, SOFTWARE DEV</b></p> <p>Research Topic : <b>MICRO-MACRO CONNECTION, STATISTICAL MECHANICS</b></p> <p>Permanent Institute:</p> <p>Universidad de la Sabana            Department of Industrial Engineering            Faculty of Engineering            Campus del Puente del Comen- Km- 7- Autopista Norte de Bogota            250001 Chia            Cundinamarca            COLOMBIA</p> <p>Permanent Institute e mail <a href="mailto:william.oquendo@unisabana.edu.co">william.oquendo@unisabana.edu.co</a></p>	COLOMBIA	<b>TUTOR</b>
13.	<p><b>SOLANO ALTAMIRANO Juan Manuel</b></p> <p>Research Field : <b>COMPUTATIONAL ELASTICITY THEORY</b></p> <p>Research Topic : <b>BOUNDARY SPECTRAL METHODS IN ELASTICITY THEORY</b></p> <p>Permanent Institute:</p> <p>Benemerita Universidad Autonoma de Puebla            Av. San Claudio Y 14 Sur            Puebla 72000            MEXICO</p> <p>Permanent Institute e mail <a href="mailto:jmsolanoalt@gmail.com">jmsolanoalt@gmail.com</a></p>	MEXICO	<b>TUTOR</b>

**PARTICIPANT**

**Total number in this function: 45**

14.	<b>AGUDELO GIRALDO Jose Dario</b>	COLOMBIA	<b>PARTICIPANT</b>
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Research Field : **CONDENSED MATTER**

Research Topic : **MODELING OF MAGNETIC AND TRANSPORT PROPERTIES**

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15.	<b>ALDANA FRANCO Magdiel</b>	MEXICO	<b>PARTICIPANT</b>
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Research Field : **HIGH ENERGY PHYSICS AND COMPUTATIONAL SIMULATION**

Research Topic : **PRECISION TESTS OF THE STANDARD MODEL COSMIC RAYS**

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16.	<b>ALONSO ALVAREZ Arnold</b>	COLOMBIA	<b>PARTICIPANT</b>
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Research Field : **COMPUTATIONAL SIMULATION AND COMPUTATIONAL PHYSICS**

Research Topic : **"QUANTUM CHEMISTRY WITH QUANTUM ESPRESSO, ANALYSIS**

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No.	NAME and INSTITUTE	Nationality	Function
17.	<p><b>ALZATE CARDONA Juan David</b></p> <p>Research Field : <b>COMPUTATIONAL PHYSICS</b></p> <p>Research Topic : <b>MAGNETIC SYSTEMS, CRITICAL PHENOMENA, MATERIAL SC</b></p> <p>Permanent Institute:</p> <p>National University of Colombia            Natural Sciences Faculty            Physics and Chemistry Department            Plasma Physics Laboratory            Kilometro 7 Via al Magdalena Campus La Nubia            Manizales            Caldas            COLOMBIA</p> <p>Permanent Institute e mail jdalzatec@unal.edu.co</p>	COLOMBIA	<b>PARTICIPANT</b>
18.	<p><b>AMARAL CEJAS Orlando</b></p> <p>Research Field : <b>EMBEDDED SYSTEMS.</b></p> <p>Research Topic : <b>ALGORITHM ACCELERATION REGARDING IMAGE PROCESSING</b></p> <p>Permanent Institute:</p> <p>CUJAE Technological University of Havana Jose Antonio Echeverria            Faculty of Automation and Biomedical Engineering            Automation and Computing Department            Havana            CUBA</p> <p>Permanent Institute e mail orlycejass88@gmail.com</p>	CUBA	<b>PARTICIPANT</b>
19.	<p><b>ARRUTI GAMALDI Aldana Denisse</b></p> <p>Research Field : <b>ATMOSPHERIC SCIENCES</b></p> <p>Research Topic : <b>NOWCASTING, RADAR DATA</b></p> <p>Permanent Institute:</p> <p>Servicio Meteorologico Nacional            National Weather Service            25 de mayo 658            1002 Ciudad De Buenos Aires            ARGENTINA</p> <p>Permanent Institute e mail arrutialdana28@gmail.com</p>	ARGENTINA	<b>PARTICIPANT</b>



No.	NAME and INSTITUTE	Nationality	Function
20.	<p><b>AVENDANO AVENDANO Gilberto Douglas Antonio</b></p> <p>Research Field : <b>COMPUTATIONAL PHYSIC</b></p> <p>Research Topic : <b>NO-LINEAL DYNAMICAL SYSTEMS AND FLUID PHYSICS.</b></p> <p>Permanent Institute:</p> <p>Instituto Venezolano de Investigaciones Cientificas, IVIC  Carretera Panamericana km 11  Residencias Samuel Robinson  Altos De Pipe 1204  Venezuela  VENEZUELA (THE BOLIVARIAN REPUBLIC OF)  Permanent Institute e mail nwdouglas18@gmail.com</p>	VENEZUELA	<b>PARTICIPANT</b>
21.	<p><b>AVILA GAXIOLA Jorge Carlos</b></p> <p>Research Field : <b>PHYSICS OF MATERIALS</b></p> <p>Research Topic : <b>"PHYSICS OF MATERIALS, PHYSICS OF CONDENSED MATTER</b></p> <p>est.jorgeavila@uas.edu.mx</p>	MEXICO	<b>PARTICIPANT</b>
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22.	<p><b>BARONE Federico</b></p> <p>Research Field : <b>COMPUTATIONAL PHYSICS, COMPUTATIONAL FLUID DYNAMI</b></p> <p>Research Topic : <b>DEVELOPMENT OF A THERMAL-HYDRAULIC MODEL FOR ESTI</b></p> <p>Permanent Institute:</p> <p>Photonic Sensor Lab  CONICET  Buenos Aires  ARGENTINA  Permanent Institute e mail fedebarone@gmail.com</p>	ARGENTINA	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
23.	<b>BUSTAMANTE Carlos Mauricio</b> Research Field : <b>CHEMICAL PHYSICS, COMPUTER SIMULATION</b>  Research Topic : <b>ELECTRON DYNAMICS, DFT</b>	ARGENTINA	<b>PARTICIPANT</b>
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24.	<b>CAMPOS MUNOZ Alejandro</b> Research Field : <b>NUCLEAR ENGINEERING</b>  Research Topic : " <b>FAST NUCLEAR REACTORS, NEUTRON TRANSPORT, NEUTRON</b> "	MEXICO	<b>PARTICIPANT</b>
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25.	<b>CEVALLOS BRENES Maria Caterina</b> Research Field : <b>QUANTUM CHEMISTRY INORGANIC CHEMISTRY</b> Research Topic : <b>QUANTUM MECHANICAL SIMULATIONS BASED ON DFT MATER</b>	COSTA RICA	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
26.	<b>DAUDINOT LOPEZ Meisbel</b> Research Field : <b>MEDICAL IMAGING</b>  Research Topic : <b>IMAGES PROCESSING</b>	CUBA	<b>PARTICIPANT</b>
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27.	<b>DE LA CONCHA Aaron</b> Research Field :  Research Topic :	MEXICO	<b>PARTICIPANT</b>
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28.	<b>DE LA CRUZ ARREOLA Sergio</b> Research Field : <b>"OPTICS, NANOPHOTONICS, PLASMONICS, SCATTERING"</b> Research Topic : <b>"EFFICIENCY OF EXCITATION OF SURFACE PLASMON POLAR"</b>	MEXICO	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
29.	<p><b>DIAZ MIRON Gonzalo</b>            Research Field : <b>THEORETICAL CHEMISTRY</b></p> <p>Research Topic : <b>STUDIES OF PHOTOCHEMICAL PROCESSES AND ELECTRONIC</b></p> <p>Permanent Institute:            Universidad de Buenos Aires            Dpto. Quimica Inorganica Analitica y Quimica Fisica            Fac. de Ciencias Exactas y Naturales            Ciudad Universitaria            Pabellon II            1428 Buenos Aires            ARGENTINA</p>	ARGENTINA	<b>PARTICIPANT</b>
30.	<p><b>DIAZ Raamses</b>            Research Field : <b>FLUIDS MECHANICS</b></p> <p>Research Topic : <b>SIMULATION OF FLUID UNDER SPECIFIC CONDITIONS. COM</b></p> <p>Permanent Institute:            Instituto Venezolano de Investigaciones Cientificas            Altos de Pipe            VENEZUELA (THE BOLIVARIAN REPUBLIC OF)</p>	VENEZUELA	<b>PARTICIPANT</b>
31.	<p><b>DODERO ROJAS Esteban</b>            Research Field : <b>COSMOGRAPHY, COSMOLOGY, LARGE-SCALE PHYSICS, ACCR</b></p> <p>Research Topic : <b>MODERN MATHEMATICS APPLIED IN PHYSICS, ACCREATION</b></p> <p>Permanent Institute:            University of Costa Rica            Faculty of Basic Sciences            School of Physics            San Pedro de Montes de Oca            2060 San Jose            COSTA RICA</p>	COSTA RICA	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
32.	<p><b>DURAN GONZALEZ Julian</b>            Research Field : <b>NUCLEAR ENGINEER</b></p> <p>Research Topic : <b>"NUCLEAR REACTOR PHYSICS,            THERMO-HYDRAULICS, HPC"</b></p> <p>redfield1290@gmail.com</p>	MEXICO	<b>PARTICIPANT</b>
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33.	<p><b>FRAGOSO NEGRIN Jose Alejandro</b>            Research Field : <b>MEDICAL PHYSICS</b></p> <p>Research Topic : <b>RADIOTHERAPY AND NUCLEAR MEDICINE            DEVELOP OF APPL</b></p> <p>Permanent Institute:            High Institute of Applied Technologies and Sciences, InSTEC            Ave Salvador Allende esq. Luaces            Quinta de los Molinos            A.P. 6163            Havana 10600            CUBA            Permanent Institute e mail jfragoso@instec.cu</p>	CUBA	<b>PARTICIPANT</b>
34.	<p><b>GARCIA CLAUDIA</b>            Research Field : <b>"HPC, BIOINFORMATIC, MECHANIC"</b></p> <p>Research Topic : <b>"STRUCTURAL, MEDICAL IMAGE, MECHANICAL            ANALYSIS"</b></p> <p>klausen.pop@gmail.com</p>	MEXICO	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
35.	<p><b>GUTIERREZ HERNANDEZ Melany</b>            Research Field : <b>DIGITAL SIGNAL PROCESSING</b>             Research Topic : "<b>COGNITIVE RADIO, SPECTRUM SENSING, PARALLEL PROGR</b>"             Permanent Institute:            CUJAE Technological University of Havana Jose Antonio Echeverria            Institute of Basic Sciences            CEMAT Center for the Study of Mathematics for Technical Sciences            10400 Havana            CUBA</p>	CUBA	<b>PARTICIPANT</b>
36.	<p><b>IBARRA Guillermo</b>            Research Field : <b>REACTOR PHYSICS</b>             Research Topic : "<b>COMPUTATIONAL REACTOR PHYSICS, METHOD OF CHARACTE</b>"</p>	MEXICO	<b>PARTICIPANT</b>
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37.	<p><b>IZQUIERDO MARQUEZ Idelfonso</b>            Research Field :             Research Topic :             Permanent Institute:            Centro de Investigacion y Estudios Avanzados, CINVESTAV            Departamento de Matematicas            Av.Instituto Politecnico Nacional 2508            073760 D.F. Mexico City            MEXICO            Permanent Institute e mail idelfonso.izquierdo@gmail.com</p>	MEXICO	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
38.	<b>JIMENEZ MERCHAN Jose Miguel</b> Research Field : <b>MOLECULAR DYNAMICS. GEOPHYSICS.</b>  Research Topic : <b>ALPHA-HELIX UNFOLDING. RATE AND STATE MODELS.</b>	COLOMBIA	<b>PARTICIPANT</b>
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39.	<b>JURADO MARTINEZ Rogelio</b> Research Field : <b>COMPUTATION. DISCRETE MATHEMATICS. OPTIMIZATION. P</b> Research Topic : <b>SUPERCOMPUTING. MACHINE LEARNING. EVOLUTIONARY COM</b>	MEXICO	<b>PARTICIPANT</b>
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40.	<b>LAZZATI Laura Soledad</b> Research Field : <b>HIGH PERFORMANCE COMPUTING</b>  Research Topic : <b>PARALLEL COMPUTING, DISTRIBUTED SYSTEMS, ARCHITEC</b>	ARGENTINA	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
41.	<b>LOPEZ BROCA Glenda Lizbeth</b> Research Field : <b>THE DEVELOPMENT OF SCIENCE AND TECHNOLOGY FOR THE</b> Research Topic : <b>DISASTERS RISK MANAGEMENT AND DEVELOPMENT EARLY WA</b>	MEXICO	<b>PARTICIPANT</b>
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42.	<b>MARTINS DE FREITAS Ernane</b> Research Field : <b>CONDENSED MATTER PHYSICS</b> Research Topic : <b>DENSITY FUNCTIONAL THEORY, MOLECULAR DYNAMICS, EL</b>	BRAZIL	<b>PARTICIPANT</b>
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43.	<b>MEJIA CABILDO Sandra</b> Research Field : <b>COMPUTATIONAL/THEORETICAL CHEMISTRY</b> Research Topic : <b>MOLECULAR INTERACTIONS</b>	MEXICO	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
44.	<b>MONGE GAPPER Ricardo</b> Research Field : <b>APPLIED MATHEMATICS AND COMPUTER SIMULATION</b> Research Topic : <b>"COMPUTER SIMULATIONS, SMOOTHED PARTICLE HYDRODYNA</b>	COSTA RICA	<b>PARTICIPANT</b>
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45.	<b>MORALES DAVILA Eliud</b> Research Field : <b>"MOLECULAR DYNAMICS, CHEMICAL PHYSICS, PROGRAMMING</b> Research Topic : <b>PROGRAMMING FOR MOLECULAR DYNAMICS OR PROBLEMS IN</b>	MEXICO	<b>PARTICIPANT</b>
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46.	<b>MOREJON LOYOLA Yordany</b> Research Field : <b>INFORMATICS SCIENCES</b> Research Topic : <b>PROGRAMMING AND DESIGNING SOFTWARE</b>	CUBA	<b>PARTICIPANT</b>
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No.	NAME and INSTITUTE	Nationality	Function
47.	<p><b>MORILLO SIERRALTA Blanca</b>            Research Field : <b>COMPUTATIONAL ASTROPHYSICS.</b></p> <p>Research Topic : <b>GALAXIES MODELS, AGN SIMULATIONS, COSMIC DUST</b></p> <p>Permanent Institute:            Instituto Venezolano de Investigaciones Cientificas, IVIC            Carretera Panamericana km 11            Caracas 1020A            VENEZUELA (THE BOLIVARIAN REPUBLIC OF)</p>	VENEZUELA	<b>PARTICIPANT</b>
48.	<p><b>NUNEZ MENESES Luis Alfredo</b>            Research Field : <b>THERMO CHEMICAL</b></p> <p>Research Topic : <b>WASHBURN CORRECTION</b></p> <p>Permanent Institute:            Benemerita Universidad Autonoma de Puebla Chemistry School-            Physico-chemical department- Physicochemical Theoretical            laboratory            Avenida San Claudio y 18 Sur            Puebla 72530            MEXICO            Permanent Institute e mail luis.alfredo.nu@gmail.com</p>	MEXICO	<b>PARTICIPANT</b>
49.	<p><b>PEDRON Federico Nicolas</b>            Research Field : <b>THEORETICAL AND COMPUTATIONAL CHEMISTRY</b></p> <p>Research Topic : <b>"QM-MM DYNAMICS, TD-DFT."</b></p> <p>Permanent Institute:            Departamento de Quimica Inorganica            Analitica y Quimica-Fisica            INQUIMAE            Facultad de Ciencias Exactas y Naturales Universidad de Buenos            Aires            Ciudad Universitaria, Pabellon II            1428 Buenos Aires            ARGENTINA</p>	ARGENTINA	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
50.	<p><b>PERDOMO HOURNE Elias Augusto</b>            Research Field : <b>EMBEDDED SYSTEM</b></p> <p>Research Topic : <b>FPGA DESIGN, EMBEDDED SYSTEM DESIGN, COMPUTER ARC</b></p> <p>Permanent Institute:            Havana Technological Institute CUJAE            114 Street - 11901- e- Ciclovea y Rotonda-CP            19390 Havana            Marianao            CUBA</p>	CUBA	<b>PARTICIPANT</b>
51.	<p><b>PEREZ PICADO Luis Fernando</b>            Research Field : <b>COSMOLOGY FLUID-DYNAMICS GRAVITATION</b></p> <p>Research Topic : <b>MASS DISTRIBUTIONS OF LARGES STRUCTURES</b></p> <p>Permanent Institute:            Instituto Venezolano de Investigaciones Cientificas, IVIC            km 11 panamericana            Altos De Pipe 1204            Venezuela            VENEZUELA (THE BOLIVARIAN REPUBLIC OF)            Permanent Institute e mail luferperezp@gmail.com</p>	VENEZUELA	<b>PARTICIPANT</b>
52.	<p><b>RODRIGUEZ RODRIGUEZ Alejandro</b>            Research Field : <b>CONDENSED MATTER</b></p> <p>Research Topic : <b>"MOLECULAR MAGNETISM, MAGNETIC PROPERTIES OF SOLID</b></p> <p>alerrdiguez88@gmail.com</p>	CUBA	<b>PARTICIPANT</b>
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53.	<b>URIBARRI Gonzalo</b> Research Field : <b>BIRDSONG RECOGNITION, COMPUTATIONAL NEUROSCIENCE</b> Research Topic : <b>SOFTWARE IDENTIFYING BIRD SPECIES BY VOCALIZATIONS</b>	ARGENTINA	<b>PARTICIPANT</b>
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56.	<b>VILLANUEVA MANGA Alexis Yuseth</b> Research Field :  Research Topic :  Permanent Institute: MCTP Universidad Autonoma de Chiapas 29076 Tuxla Gutierrez MEXICO Permanent Institute e mail avillanueva@mctp.mx	MEXICO	<b>PARTICIPANT</b>
57.	<b>ZALDIVAR Gervasio</b> Research Field : <b>BIOPHYSICS AND SOFT MATTER</b>  Research Topic : " <b>SELF-ASSEMBLY, POLYELECTROLYTES, SURFACTANTS. MOR</b> "  Permanent Institute: Universidad de Buenos Aires Fcen Inquimae Dept.Quim. Inorganica Ciudad Universitaria Pab. Ii 1428 Buenos Aires ARGENTINA	ARGENTINA	<b>PARTICIPANT</b>
58.	<b>ZUMAYA HERNANDEZ Martin</b> Research Field : <b>STATISTICAL AND COMPUTATIONAL PHYSICS</b>  Research Topic : " <b>COMPLEX SYSTEMS AND COLLECTIVE BEHAVIOR IN PHYSIC</b> "	MEXICO	<b>PARTICIPANT</b>
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