



The Abdus Salam  
**International Centre  
for Theoretical Physics**  
50th Anniversary 1964–2014



Activity SMR: **2608**

# **2nd TOSCA Training School on Solar Variability and Climate Response**

13 October 2014 - 17 October 2014  
Trieste - ITALY

**TOSCA, SOLID, IUGG, COST, SCOSTEP, INAF, OAR**

**Total Number of Visitors: 41**

**Preliminary List of Participants**

No.	NAME and INSTITUTE	Nationality	Function
<b>DIRECTOR</b>		<b>Total number in this function: 2</b>	
1.	<b>DUDOK DE WIT Thierry</b>	FRANCE	<b>DIRECTOR</b>
	Research Field :		
	Research Topic :		
	Permanent Institute:		
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2.	<b>ERMOLLI Ilaria</b>	ITALY	<b>DIRECTOR</b>
	Research Field :		
	Research Topic :		
	Permanent Institute:		
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No.	NAME and INSTITUTE	Nationality	Function
<b>LECTURER</b>		<b>Total number in this function: 11</b>	
3.	<b>CALOGOVIC Jasa</b> Research Field :  Research Topic :  Permanent Institute: Hvar Observatory Faculty of Geodesy University of Zagreb Kaciceva 26 10000 Zagreb CROATIA Permanent Institute e mail jcalogovic@geof.hr	CROATIA	<b>LECTURER</b>
4.	<b>HABERREITER Margit</b> Research Field :  Research Topic :  Permanent Institute: World Radiation Center Pmod - Wrc Physikalisch - Meteorologisches Observatorium Davos P.O.B. 173 CH-7260 Davos-Dorf SWITZERLAND Permanent Institute e mail margit.haberreiter@pmodwrc.ch	SWITZERLAND	<b>LECTURER</b>
5.	<b>LAKEN Benjamin</b> Research Field :  Research Topic :  Permanent Institute: University of Oslo MetOs Section Forskningsparken II Gaustadalleen 21 0349 Oslo NORWAY Permanent Institute e mail benlaken@gmail.com blaken@geo.uio.no	UNITED KINGDOM	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
6.	<b>MISIOS Stergios</b> Research Field :  Research Topic :  Permanent Institute: Aristotle University of Thessaloniki Dept. of Physics 54124 Thessaloniki GREECE Permanent Institute e mail misios@auth.gr	GREECE	<b>LECTURER</b>
7.	<b>MITCHELL Daniel Marcus</b> Research Field :  Research Topic :  Permanent Institute: Oxford University Department of Theoretical Physics 1 Keble Road Oxford OX1 3NP Oxfordshire UNITED KINGDOM Permanent Institute e mail Mitchell@atm.ox.ac.uk	UNITED KINGDOM	<b>LECTURER</b>
8.	<b>MULLER Christian</b> Research Field : <b>SPACE AND EARTH SCIENCE</b>  Research Topic : <b>CLIMATE, ASTROBIOLOGY, EXTERNAL ISS PAYLOADS</b>  Permanent Institute: Belgian User Support and Operations Centre B.USOC avenue Circulaire, 3 1180 Brussels Brussels BELGIUM Permanent Institute e mail christian.muller@busoc.be chris@oma.be	BELGIUM	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
9.	<b>TANSKANEN Eija</b> Research Field :  Research Topic :  Permanent Institute: Finnish Meteorological Institute Meteorological Research P.O. Box 503 Erik Palmenin aukio 1 00101 Helsinki FINLAND Permanent Institute e mail eija.Tanskanen@fmi.fi	FINLAND	<b>LECTURER</b>
10.	<b>TOURPALI Kleareti</b> Research Field : <b>ATMOSPHERIC PHYSICS</b>  Research Topic : <b>GLOBAL WARMING EFFECTS ON CIRCULATION AND CLIMATE</b>  Permanent Institute: Aristotelian University of Thessaloniki Laboratory of Atmospheric Physics Department of Physics P.O. Box 149 54006 Thessaloniki GREECE Permanent Institute e mail tourpali@auth.gr	GREECE	<b>LECTURER</b>
11.	<b>USOSKIN Ilya</b> Research Field :  Research Topic :  Permanent Institute: University of Oulu, Faculty of Science, Department of Physics, Geosciences and Chemistry, Space Physics Group, Sodankyla Geophysical Observatory Oulu unit- P-O- Box 3000 90014 Oulu Oulu FINLAND Permanent Institute e mail ilya.usoskin@oulu.fi	FINLAND	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
12.	<b>VOICULESCU Gheorghiu Mirela</b> Research Field :  Research Topic :  Permanent Institute: University "Dunarea de Jos" Dept. of Physics Str. Domneasca NR. Galati 6200 ROMANIA Permanent Institute e mail mirela.voiculescu@ugal.ro	ROMANIA	<b>LECTURER</b>
13.	<b>YAIR Yoav</b> Research Field :  Research Topic :  Permanent Institute: School of Sustainability Interdisciplinary Center Herzliya IDC P.O. Box 167 Herzliya 46150 ISRAEL Permanent Institute e mail yoavyair@gmail.com yoav.yair@idc.ac.il	ISRAEL	<b>LECTURER</b>

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

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14. **ALBERTI Tommaso** ITALY **PARTICIPANT**

Research Field : **SOLAR-TERRESTRIAL PHYSICS**

Research Topic : **CLIMATE, MAGNETOSPHERIC PHYSICS, SOLAR PHYSICS**

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15. **ARSENOVIC Pavle** SERBIA **PARTICIPANT**

Research Field : **CLIMATE CHANGE, SUN VARIABILITY, CLIMATE RESPONSE**

Research Topic : **INFLUENCE OF SOLAR VARIABILITY ON CLIMATE CHANGE**

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16. **ARTAMONOV Anton** RUSSIAN FEDERATION **PARTICIPANT**

Research Field : **SPACE PHYSICS, SOLAR PHYSICS, SOLAR-TERRESTRIAL PH**

Research Topic : **COSMIC RAYS, IONIZATION OF ATM., COSMIC RAYS**

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Until: **1 November 2012**

No.	NAME and INSTITUTE	Nationality	Function
17.	<p><b>ASVESTARI Eleanna</b>            Research Field : <b>SPACE PHYSICS</b></p> <p>Research Topic : <b>HELIOSPHERIC AND COSMIC RAY PHYSICS</b></p> <p>Permanent Institute:            University of Oulu, Faculty of Science, Department of            Physics, Geosciences and Chemistry, Space Physics Group,            Sodankyla Geophysical Observatory            Oulu unit- P-O- Box 3000            90014 Oulu            Oulu            FINLAND            Permanent Institute e mail <a href="mailto:eleanna.asvestari@oulu.fi">eleanna.asvestari@oulu.fi</a></p>	GREECE	<b>PARTICIPANT</b>
18.	<p><b>BOTYGINA Olga</b>            Research Field : <b>SOLAR PHYSICS</b></p> <p>Research Topic : <b>MAGNETIC FIELDS, SPECTROPOLARIMETRIC OBSERVATIONS</b></p> <p>Permanent Institute:            Astronomical Observator of Kyiv            Taras Shevchenko National University            Observatornyy Lane, 3            Kyiv 04053            UKRAINE            Permanent Institute e mail <a href="mailto:botygina86@gmail.com">botygina86@gmail.com</a></p>	UKRAINE	<b>PARTICIPANT</b>
19.	<p><b>CHATZISTERGOS Theodosios</b>            Research Field : <b>SOLAR PHYSICS</b></p> <p>Research Topic : <b>SOLAR VARIABILITY, IRRADIANCE RECONSTRUCTION</b></p> <p>Permanent Institute:            Max Planck institute for solar system research            Justus-von-Liebig-Weg 3            37077 Gatingen            Niedersachsen            GERMANY            Permanent Institute e mail <a href="mailto:chatzistergos@mps.mpg.de">chatzistergos@mps.mpg.de</a></p>	GREECE	<b>PARTICIPANT</b>



No.	NAME and INSTITUTE	Nationality	Function
20.	<p><b>CRISTALDI Alice</b></p> <p>Research Field : <b>SPECTROPOLARIMETRY</b></p> <p>Research Topic : <b>SOLAR IRRADIANCE VARIABILITY</b></p> <p>Permanent Institute:</p> <p>INAF - Astronomical Observatory of Rome  Via Frascati 33  Monte Porzio Catone 00040  ITALY  Permanent Institute e mail <a href="mailto:alice.cristaldi@oa-roma.inaf.it">alice.cristaldi@oa-roma.inaf.it</a></p>	ITALY	<b>PARTICIPANT</b>
21.	<p><b>DAS Debanjana</b></p> <p>Research Field : <b>TROPICAL METEOROLOGY,ISO</b></p> <p>Research Topic : <b>MONSOON VARIABILITY AND PREDICTIABILITY</b></p> <p>Permanent Institute:</p> <p>University of Calcutta  Department of Atmospheric science  51/2 Hazra Road  Kolkata 700019  West bengal  INDIA  Permanent Institute e mail <a href="mailto:debanjanadas88@gmail.com">debanjanadas88@gmail.com</a></p>	INDIA	<b>PARTICIPANT</b>
22.	<p><b>DOBROVA Daria</b></p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>St. Petersburg University  V.A. Fock Institute of Physics  Department of Physics of the Earth  1, Ulyanovskaya St  Petrodvorets  198905 St Petersburg  RUSSIAN FEDERATION  Permanent Institute e mail <a href="mailto:daria-dobrova@ya.ru">daria-dobrova@ya.ru</a></p>	RUSSIAN FEDERATION	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
23.	<p><b>DOS SANTOS PEREIRA Nuno Jose</b>            Research Field : <b>SOLAR IRRADIANCE</b></p> <p>Research Topic : <b>NIR, UV, UV VARIABILITY</b></p> <p>Permanent Institute:            Belgian Institute for Space Aeronomy            3 Ringlaan            1180 Brussels            BELGIUM            Permanent Institute e mail nuno.pereira@aeronomie.be</p>	PORTUGAL	<b>PARTICIPANT</b>
24.	<p><b>GRECULEASA Razvan</b>            Research Field : <b>SOLAR TERRESTRIAL PHYSICS</b></p> <p>Research Topic : <b>SOLAR VARIABILITY AND CLIMATE</b></p> <p>Permanent Institute:            Institute of Geodinamics Sabba S- Stefanescua of Romanian            Academy- Departament Natural Field            no. 19-21, Jean Louis Calderon,            Bucharest            ROMANIA            Permanent Institute e mail razvan@geodin.ro</p>	ROMANIA	<b>PARTICIPANT</b>
25.	<p><b>HENDRICKX Koen</b>            Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:            University of Stockholm            Department of Meteorology            Arrheniuslaboratory            S-10691 Stockholm            SWEDEN            Permanent Institute e mail koen.hendrickx@misu.su.se</p>	BELGIUM	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
26.	<p><b>KLUTSE Nana Ama Browne</b>            Research Field : <b>CLIMATOLOGY</b></p> <p>Research Topic : <b>CLIMATE VARIABILITY AND SEASONAL FORECASTING</b></p> <p>Permanent Institute:            Ghana Space Science and Technology Centre            Ghana Atomic Energy Commission            Kwabenya, Madina-Dome Road            LG 80 Accra            GHANA            Permanent Institute e mail amabrowne@gmail.com</p>	GHANA	<b>JUNIOR ASSOCIATE</b>
27.	<p><b>KUCHAR Ales</b>            Research Field : <b>ATMOSPHERIC AND CLIMATE PHYSICS</b></p> <p>Research Topic : <b>SOLAR CYCLE INFLUENCE ON THE MIDDLE ATMOSPHERE</b></p> <p>Permanent Institute:            Department of Meteorology and Environment Protection            Faculty of Mathematics and Physics            Charles University in Prague            V Holesovickach 2            Prague            CZECH REPUBLIC            Permanent Institute e mail kuchara@mbox.troja.mff.cuni.cz</p>	CZECH REPUBLIC	<b>PARTICIPANT</b>
		<p>Present Institute:            Eidgenossische Technische Hochschule            Institute For Atmospheric and Climate Science            Universitätsstrasse 16            8092 Zurich            SWITZERLAND</p>	
28.	<p><b>LHOTKA Ondrej</b>            Research Field : <b>CLIMATE VARIABILITY AND CHANGE</b></p> <p>Research Topic : <b>EXTREME EVENTS, RCMS, ATM. CIRCULATION</b></p> <p>Permanent Institute:            Institute of Atmospheric Physics Academy of Sciences of the Czech Republic            Bocni II 1401            14131 Prague            CZECH REPUBLIC            Permanent Institute e mail ondrej.lhotka@ufa.cas.cz</p>	CZECH REPUBLIC	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
29.	<p><b>MKRTCHYAN Hripsime</b></p> <p>Research Field : <b>ELEMENTARY PARTICLES, THUNDERCLOUDS PHYSICS</b></p> <p>Research Topic : <b>ELECTRIC STRUCTURE OF THUNDERCLOUD</b></p> <p>Permanent Institute:</p> <p>Cosmic Ray Division of A. Alikhanyan National Laboratory  Yerevan Physics Institute  2 Alikhanyan Brothers st.  0036 Yerevan  ARMENIA  Permanent Institute e mail hripsime@yerphi.am</p>	ARMENIA	<b>PARTICIPANT</b>
30.	<p><b>MURABITO Mariarita</b></p> <p>Research Field : <b>SOLAR PHYSICS</b></p> <p>Research Topic : <b>SUNSPOT, FORMATION OF SUNSPOT PENUMBRA</b></p> <p>Permanent Institute:</p> <p>University of Catania, Department of Physics and Astronomy  Via S.Sofia 64  Catania 95123  Italy  ITALY  Permanent Institute e mail marypucci@hotmail.it</p>	ITALY	<b>PARTICIPANT</b>
31.	<p><b>PAIVARINTA Sanna Mari</b></p> <p>Research Field : <b>EARTH'S POLAR MIDDLE ATMOSPHERE</b></p> <p>Research Topic : <b>ENERGETIC PARTICLES AND COUPLING TO ATMOSPHERE</b></p> <p>Permanent Institute:</p> <p>Finnish Meteorological Institute  Earth Observation  P.O. BOX 503  00101 Helsinki  FINLAND  Permanent Institute e mail sanna-mari.paivarinta@fmi.fi</p>	FINLAND	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
32.	<b>PANDEY Praveen</b> Research Field : <b>ATMOSPHERIC &amp; SPACE SCIENCES</b>  Research Topic : <b>CLOUDS-AEROSOL-RADIATION-LIGHTNING, SATELLITE</b>  Permanent Institute: Belgian User Support and Operations Centre B.USOC, Belgian Institute for Space Aeronomy BIRA-IASB Ringlaan, 3 1180 Brussels BELGIUM Permanent Institute e mail praveen.pandey@aeronomy.be	INDIA	<b>PARTICIPANT</b>
33.	<b>PARIHAR Navin</b> Research Field : <b>PHYSICS OF ATMOSPHERE, AERONOMY, PLASMA PHYSICS</b>  Research Topic : <b>AIRGLOW, MESOSPHERE-LOWER THERMOSPHERE, DYNAMICS, MESOSPHERIC FRONTS, MODELLING</b>  Permanent Institute: Indian Institute of Geomagnetism Dr. K. S. K. G. R. Lab On Leelapur Road - Near Chamanganj Bazaar, PO - Hanumanganj, Jhunsi, Allahabad 221505 Uttar Pradesh INDIA Permanent Institute e mail nparihar@iigs.iigm.res.in	INDIA	<b>JUNIOR ASSOCIATE</b>
34.	<b>POLUIANOV Stepan</b> Research Field : <b>COSMIC RAYS, SOLAR ACTIVITY</b>  Research Topic : <b>LONG-TERM COSMIC RAY VARIABILITY</b>  Permanent Institute: Department of Physics, University of Oulu Pentti Kaiteeran katu 1 FI-90014 Oulu FINLAND Permanent Institute e mail stepan.poluianov@oulu.fi	RUSSIAN FEDERATION	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
35.	<p><b>RAPHALDINI Breno</b>            Research Field : <b>GEOPHYSICAL FLUIDS, TURBULENCE, MHD</b>             Research Topic : <b>NONLINEAR WAVE INTERACTION</b>             Permanent Institute:            Instituto de Astronomia, Geofisica e Ciencias Atmosfericas,            Departamento de Geofisica, Universidade de Sao PAulo            Rua do Matao, 1226            Sao Paulo 05508-090            Sao Paulo            BRAZIL            Permanent Institute e mail brenorfs@gmail.com</p>	BRAZIL	<b>PARTICIPANT</b>
36.	<p><b>REALE Marco</b>            Research Field : <b>MID-LATITUDE CYCLONES ,PHYSICAL OCEANOGRAPHY</b>             Research Topic : <b>ALGORITHMS FOR TRACINGS,CLIMATE CHANGES</b>             Permanent Institute:            Ogs, National Institute of Geophysics and Oceanography            Borgo Grotta Gigante, 42/c            Sgonico            ITALY            Permanent Institute e mail mreale@ogs.trieste.it</p>	ITALY	<b>PARTICIPANT</b>
37.	<p><b>SCHENZINGER Verena</b>            Research Field : <b>ATMOSPHERIC PHYSICS</b>             Research Topic : <b>TROPICAL STRATOSPHERE, QBO, TELECONNECTIONS</b>             Permanent Institute:            Atmospheric, Oceanic and Planetary Physics Department            University of Oxford            Parks Road            Oxford            UNITED KINGDOM            Permanent Institute e mail schenzinger@atm.ox.ac.uk</p>	GERMANY	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
38.	<p><b>SHARMA Chhavi</b>            Research Field : <b>PLASMA PHYSICS</b></p> <p>Research Topic : <b>RESPONSE OF GEOMAGNETIC STORMS IN IONOSPHERE</b></p> <p>Permanent Institute:            Amity Institute of Applied Sciences AIAS Department of Physics,            M.Sc Applied Sciences, Amity University, Noida            Amity University, Gautam Buddha Nagar, Noida            Noida 201313            Uttar Pradesh            INDIA            Permanent Institute e mail chhavi.sharma@student.amity.edu</p>	INDIA	<b>PARTICIPANT</b>
		<p>Present Institute:            National Physical Laboratory, Radio and Atmospheric            Science Division RASD            Dr. K.S. Krishnan Marg            New Delhi 110012            Delhi            INDIA            Present Institute e-mail: chhavi6460@gmail.com            Until: <b>30 July 2014</b></p>	
39.	<p><b>SPIEGL Tobias Christian</b>            Research Field : <b>CLIMATE SCIENCE</b></p> <p>Research Topic : <b>SOLAR VARIABILITY AND CLIMATE CHANGE</b></p> <p>Permanent Institute:            Institute of Meteorology            Atmospheric Dynamics            Carl-Heinrich-Becker-Weg 6-10            12165 Berlin            GERMANY            Permanent Institute e mail tobias.spiegl@met.fu-berlin.de</p>	GERMANY	<b>PARTICIPANT</b>
40.	<p><b>STEFAN Cristiana</b>            Research Field : <b>SOLAR-TERRESTRIAL INTERACTION</b></p> <p>Research Topic : <b>SOLAR INFLUENCES ON CLIMATE</b></p> <p>Permanent Institute:            Institute of Geodynamics of the Romanian Academy            19-21 Jean-Luis Calderon Street            Bucharest            ROMANIA            Permanent Institute e mail cristiana_stefan@geodin.ro</p>	ROMANIA	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
41.	<p><b>YANIV Roy</b>            Research Field : <b>ATMOSPHERIC ELECTRICITY</b>            Research Topic : <b>GLOBAL ELECTRICAL CIRCUIT</b></p> <p>Permanent Institute:            Tel Aviv University, Faculty of Exact Sciences, Department of            Geophysics, Atmosphere and Planetary sciences            Haim Levanon            Tel Aviv            ISRAEL            Permanent Institute e mail <a href="mailto:royyaniv78@gmail.com">royyaniv78@gmail.com</a></p>	ISRAEL	<b>PARTICIPANT</b>