FORUM ON INTERNATIONAL PHYSICS APS

BRIEFING FOR HEPAP

Maria Spiropulu
Caltech
Dec 1 2017

smaria@caltech.edu

FIP INTRO & GOVERNANCE

Membership : over 4,000 (2017)

smaria@caltech.edu

Forum on International Physics

The Forum on International Physics is an association of APS members interested in encouraging cooperative activities between physicists of all countries.

FIP supports the development of physics worldwide.

The FIP organizes invited and contributed paper sessions at APS meetings, nominates FIP members to be recognized as APS Fellows, and for the annual John Wheatley Award, communicates with its members via the FIP web site and a periodic Newsletter, and works to affect policies and procedures at the APS deemed favorable to the large number of APS members working abroad.

For more information visit the FIP web site at **http://units.aps.org/units/fip**

Find us on Twitter @FIntlPhysicsAPS #FIPAPS and on Facebook
https://www.facebook.com/Forum-on-International-Physics-American-Physical-Society-510998875736902/

APS members who wish to support the work of the Forum are invited to become members of the FIP. To join go to:

http://www.aps.org/membership/units/join-unit.cfm

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SLAC - Natl Accelerator Lab

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Member-at-Large: Vladimir Shiltsev (01/16 - 12/18)
Fermilab

Member-at-Large: Elisa Molinari (01/17 - 12/19)
Univ of Modena & Reggio Emilia

Member-at-Large: Toyoko Orimoto (01/17 - 12/19)
Northeastern Univ

Newsletter Editor: Maria Longobardi
University of Geneva, Switzerland

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SLAC - National Accelerator Lab
(retired)

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Northeastern University

FIP ELECTION (ONGOING)

Luisa Cifarelli

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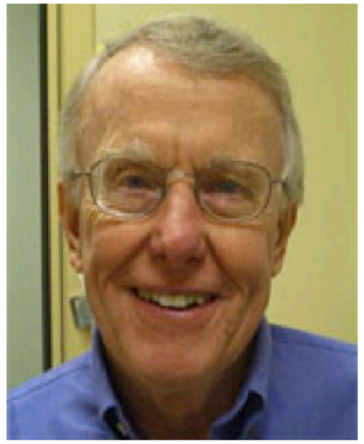
Emanuela Barzi



Ed Berger

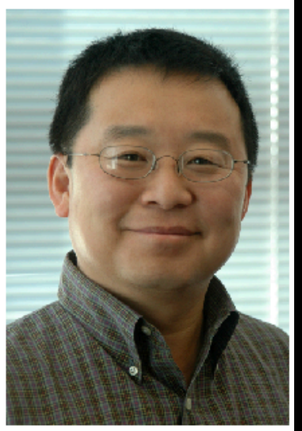
William Barletta

Councilor

Dimitri Denisov

Abhishek Kumar

Mike Famiano



Jaehoon Yu

Member-at-large

FIP PROGRAMS

PROGRAMS & ACTIVITIES

- Invited sessions (April, March)
  - FIP quota: 3 sessions
  - 2016 Sakharov also organized by FIP
- IRTAP (International Research Travel Award Program, cycle 22 deadline was yesterday https://www.aps.org/programs/international/programs/travel-grants.cfm) w/ APS CISA
- DS3 (Distinguished Student Program)
- APS Fellowships
- other [e.g. co-sponsored a reception in Washinton with Forum of Industrial Physics during AAAS (Japanese Delegation + NSF +DOE +DOS) in 2016]

PROGRAMS & ACTIVITIES

- Beller and Marshak Lectureships (CISA program) , which provide travel funds to support distinguished physicists living outside of the U.S. who have been invited to speak during sessions at the annual March and April APS meetings. Four lectureships are awarded every year ($2,000 for each lectureship)

- John Wheatley Award: To honor and recognize the dedication of physicists who have made contributions to the development of physics in countries of the third world. The award will consist of a stipend of $2,000 and a certificate citing the contributions made by the recipient. The award will be presented biennially, every odd-numbered year, at the general meeting of the American Physical Society. Latest laureate Neil Turok.

- Help with new programs of CISA, most recently US-Lebanon Lecturship program (APS and the Académie des Sciences du Liban are accepting applications from Ph.D. physicists to deliver a short course or lecture series at a university in the United States or Lebanon. Applicants must be affiliated with a Lebanese or American institution at the time of application).

- Summary of APS International Affairs programs here https://www.aps.org/units/fip/

APS April 2016: Physics and Physicists Around the World

chaired by Maria Spiropulu (Caltech, PMA)

Tuesday, 19 April 2016 from **10:45** to **12:45** (US/Mountain)
at **Salt Palace Convention Center (150G)**
Salt Lake Marriott Downtown, Salt Lake, Utah

Description http://meetings.aps.org/Meeting/APR16/Session/X7

Tuesday, 19 April 2016

10:45 - 11:21 **Physics and Physicists in Russia** *36'*
Speaker: Vladimir Shiltsev (FNAL)
Material: **Slides**

11:21 - 11:57 **Physics and Physicists in Iran** *36'*
Speaker: Hossein Sadeghpour (Harvard University)

11:57 - 12:33 **Physics and Physicists in China** *36'*
Speaker: Yifang Wang (IHEP Chinese Academy of Sciences)
Material: **Video**

APS April 2016: Big International Neutrino Projects & Collaborations

chaired by Joseph Lykken, Maria Spiropulu

Monday, 18 April 2016 from **13:30** to **15:30** (US/Mountain)
at **Salt Palace Convention Center (150G)**
Salt Lake Marriott Downtown, Salt Lake, Utah

Manage

Description Organized by Maria Spiropulu & Marcela Carena http://meetings.aps.org/Meeting/APR16/Session/S7

Monday, 18 April 2016

13:30 - 14:06 **Global neutrino futures** *36'*
Speaker: David Wark (Science and Technology Facilities Council, UK)

14:06 - 14:42 **DUNE: a large international collaboration from the start** *36'*
LBNF/DUNE will be the first large-scale scientific endeavor hosted by the United States that is set up as a truly international project from the start. The Long Baseline Neutrino Facility (LBNF) will consist of a 1.2 MW proton beam neutrino source at Fermilab in Illinois, sending high-energy neutrinos to large liquid argon detectors located 1300 kilometers away and a mile underground at the Sanford Underground Research Facility in South Dakota. The detectors will be constructed and operated by the Deep Underground Neutrino Experiment (DUNE) collaboration. DUNE is a global collaboration of over 800 scientists and engineers from 145 institutes from 27 nations. The international governance of LBNF and DUNE is adapted from the successful model of the LHC at CERN. The status of LBNF/DUNE and the model adopted for the international partnerships for LBNF and DUNE will be discussed.
Speaker: Mark Thomson (University of Cambridge)

14:42 - 15:18 **The European neutrino landscape** *36'*
I will report on the European landscape in neutrino physics, in the context of the APPEC European roadmap process of Astroparticle Physics, starting with the effort to determine the neutrino mass hierarchy with atmospheric neutrinos, the experiments of determination of neutrino mass in single and double beta experiments, the R&D and prototyping in view of global long baseline experiments, while in parallel reporting on European participation in global scale experiments, present and future.
Speaker: Marco Zito (CEA)

APS April 2016: Sakharov Prize Session

Monday, 18 April 2016 from **15:30** to **17:20** (US/Pacific)
at **Salt Palace Convention Center (150G)**
Salt Lake Marriott Downtown, Salt Lake, Utah

Description Session U7: Invited Session: Sakharov Prize Session Chair: Maria Spiropulu http://meetings.aps.org/Meeting/APR16/Session/U7

Monday, 18 April 2016

15:30 - 16:06 **Andrei Sakharov Prize: Human Rights and Peace - A Personal Odyssey** *36'*

For more than 30 years, I have devoted my life to promoting scientific freedom and human rights around the world. This devotion led me to put pressure on the American Chemical Society (ACS) to become active in the fight for human rights. Due to this pressure, in 1986, ACS established the Subcommittee on Scientific Freedom and Human Rights, which I chaired since its' inception for over 25 years. In 1988, I met with Andrei Sakharov who advised me to never stop pressuring governments or organizations that abuse human rights. Based on his council, I took a crash course in Russian before traveling to the Soviet Union several times to meet with dissidents, despite the risk to my own safety. After the Tiananmen Square incident in 1989, I worked diligently on the issue of human rights in China. Traveling often to work on the release of pro-democracy prisoners, I met with several dissidents of China, including physicist Xu Liangying who was under house arrest. In my lecture, I will discuss additional cases of my fight for human rights. After 9/11/2001, I expanded my work on scientific freedom and human rights to the Middle East by organizing the Malta Conferences, which use science for diplomacy and as a bridge to peace. These conferences bring together scientists from 15 Middle East countries including Iran, Iraq, Syria, Israel, Palestine, Jordan, etc. with 6 Nobel Laureates to work for 5 days on solving regional problems. Although acts of war and terrorism have destabilized the political and economic climate in the Middle East, the Malta Conferences have made it possible for scientists from countries that are on the opposing sides of political and cultural conflicts to meet in a politically neutral environment. There they can work to forge relationships that bridge the deep chasms of mistrust and intolerance. Scientists who normally don't have the opportunity to speak with one another are able to discuss their research and issues of mutual concern. In a time when the world's eyes are focused on the Middle East and rhetoric, policy and media reports appear hopeless, the Malta Conferences offer a fresh approach to historic problems and political dysfunction.

Speaker: Zafra Lerman (Malta Conferences Foundation)

16:06 - 16:42 **Fang Lizhi Memorial Lecture** *36'*

"Why Science Implies Human Rights: the Thought of Fang Lizhi"
Perry Link, professor /emeritus/ of East Asian Studies at Princeton University, translator of Fang's memoir.

Fang Lizhi (1936-2012), the distinguished Chinese astrophysicist, was hand-picked to work on China's atomic bomb in the 1950s but ended three decades later as an "enemy of the state," expelled from the Chinese Communist Party and forced into exile. Fang explains in his gracefully written memoir, /The Most Wanted Man in China/, how it was the principles of science, not political theory, that led him to embrace democracy and human rights: learning begins in doubt and proceeds from evidence, not dogma; every enquiring mind has equal standing before the universe; freedom of information is necessary for pursuit of the best answers; and truths, once discovered, hold equally everywhere. For Fang, these were principles of science and human rights alike, and he defended the principles with dignity and courage throughout his life.

Speaker: Perry Link (University of California, Riverside)

16:42 - 17:18 **LeRoy Apker Award: The Atmospheric Dynamics of Pulsar Companions** *36'*

Pulsars emit radiation over an extremely wide frequency range, from radio through gamma. Recently, systems in which this radiation significantly alters the atmospheres of low-mass pulsar companions have been discovered. These systems, ranging from ones with highly anisotropic heating to those with transient X-ray emissions, represent an exciting opportunity to investigate pulsars through the changes they induce in their companions. In this work, we present both analytic and numerical work investigating these phenomena, with a particular focus on atmospheric heat transport, transient phenomena, and the possibility of deep heating via gamma rays. We find that certain classes of binary systems may explain decadal-timescale X-ray transient phenomena, as well as the formation of so-called redback companion systems. In addition, we examine the temperature anisotropy induced by the Pulsar in its companion, and demonstrate that this may be used to infer properties of both the companion and the Pulsar wind.

Speaker: Adam Jermyn (University of Cambridge, Institute of Astronomy)


APS Forum on International Physics — Spring 2016 Newsletter — page 11

2016 Andrei Sakharov Prize awarded to Zafra Lerman, Malta Conferences Foundation

Andrei Sakharov and Zafra Lerman

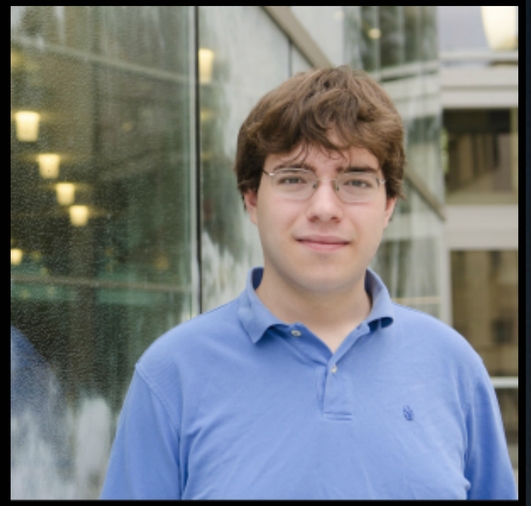
Citation: *"For life-long devotion to the scientific freedoms and human rights of scientists throughout the world and for compelling leadership in using science as a bridge to peace in the Middle East."*

Zafra is co-author with Morton Hoffman of the article "The Malta Conferences, Frontiers of Science: Research and Education in the Middle East" in this issue.

Taken in Washington in 1988 by an anonymous photographer during an event organized by the Albert Einstein Peace Prize Foundation.
Reprinted with permission.

Lerman was a member of the Executive Committee of the Albert Einstein Peace Prize Foundation. She explains the background of the foundation and the circumstances in which the picture was taken: "The foundation worked towards normalization between Egypt and Israel after nothing was happening as a result of the 1979 Peace Treaty. One of our projects was to build an agricultural settlement like a Moshav in Israel, called 'Maryot Agroindustrial complex project; a regional project involving Egypt and Israel.'

Our second activity was to give a peace prize every year in a ceremony in Washington. In 1988, we gave it to Sakharov, which is when the picture was taken. Before the ceremony, I had the opportunity to discuss my human rights activities with him through an interpreter. He suggested that I take a crash course in Russian, which I did before going back to the Soviet Union to continue my work with dissidents."



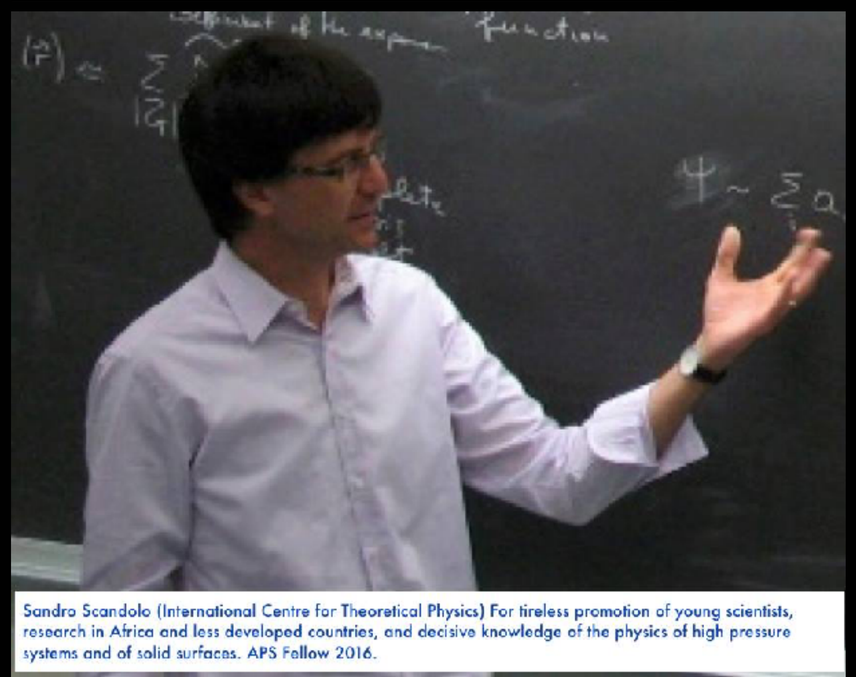
FELLOWS (2016)

Christine Darve (European Spallation Source) For sustained contribution to specification, design, construction, and operation of critical components of superconducting linear accelerators, and for leadership in expanding the reach of physics and educational outreach and dissemination of knowledge generated through large scale science facilities around the world. APS Fellow 2016.

Sergio Bertolucci (University Of Bologna and INFN). For outstanding leadership in large international collaborations in high energy physics, including the formation of the global effort for the Deep Underground Neutrino Experiment, and many roles at CERN including director of research and scientific computing during the discovery of the Higgs boson. APS Fellow 2016

Giorgio Apollinari (Fermilab): for his successful efforts in organizing International technical collaborations on development and construction of elements for detectors and accelerators, and for his leadership in sharing technologies and learned lessons across the field of high energy physics throughout the world. APS Fellow 2016

Nobaru Takeuchi (Universidad Nacional Autónama de México) For research on metallic and semiconductor surfaces and their modification with the deposit of atoms and molecules, and for work in the communication and teaching of physics in Latin America, with special attention to indigenous communities. APS Fellow 2016.



Sandro Scandolo (International Centre for Theoretical Physics) For tireless promotion of young scientists, research in Africa and less developed countries, and decisive knowledge of the physics of high pressure systems and of solid surfaces. APS Fellow 2016.

Günther Dissertori (ETH)For pioneering work in quantum chromodynamics measurements in colliders, leadership in the discovery of the Higgs boson, and enabling searches for new physics at the Large Hadron Collider, as well as his effective efforts to promote international collaboration and help smaller countries develop exchanges for vibrant physics research. APS Fellow 2016

NEWSLETTER

Forum on International Physics

APS physics

August 2017 | The American Physical Society | aps.org/units/fip/

Letter from the Editor

Dear FIP Members,

Welcome to our new edition of the FIP Newsletter!

Starting from this issue, I am pleased to serve as the new Editor of the FIP Newsletter.

First of all, I want to thank again our previous Newsletter Editor, Ernie Malamud, for all his efforts during the last years and for his unbeatable enthusiasm and competency. I'm also grateful to the FIP Executive Members Cherrill Spencer, Jason S Gardner and Roy Jerome Patterson for their contributions to this issue.

We recently designed a new style for our FIP newsletter. I want to thank the APS Communication Office and in particular, Sara Conners and Nancy Bennett-Karasik for their precious help.

We hope you will enjoy the new design and we greatly appreciate if you have any further suggestions. If you are considering contributing to the FIP Newsletter with articles, please send me an email. Let us also know if there are any topics you'd like to see covered in the future.

We are looking forward to helping the members of the FIP stay better informed on our activities.

Enjoy the FIP Newsletter!

The Newsletter Editor
Maria Longobardi
University of Geneva, Switzerland
marialongobardi@gmail.com

WITH CISA

W/ CISA

The Task Force on Expanding International Engagement

New efforts from the APS International Affairs

By Amy Flatten, APS Director of International Affairs

I pleased to announce to FIP members that the APS recently has launched an important new effort, the **"Task Force on Expanding International Engagement."** The Task Force is chaired by Dr. Jonathan Bagger, Director of TRIUMF. Dr. William Colglazier, Senior Scholar at AAAS and former Science Adviser to the U.S. Secretary of State, serves as Vice-Chair.

The APS goal of expanding international engagement was a key aspiration of the Society's 2013-2017 Strategic Plan. Consequently, the APS leadership established the Task Force in 2016 to examine how APS could increase its international engagement and better serve its members, the physics community, and society at large. The Task Force will work over the next 6-8 months and provide a report and recommendations to the APS CEO, Presidential line, Council and Board of Directors.

At its recent meeting, the Task Force agreed upon the importance of hearing from the Society's members, units and international partners. Consequently, the Task Force has sought some thoughtful feedback from the FIP leadership, and international colleagues, and is eager to hear from you. Please feel free to email us at international@aps.org with your thoughts on international programs or priorities for APS, and/or ideas on some of the critical issues that you believe APS should address in partnership with other national physical societies. The FIP members' feedback will be crucial to this endeavor and I want to thank you for sharing any perspectives.

Along with the launch of the Task Force, another highlight of 2017 will be the Canadian-American-Mexican Physics Graduate Student Conference (CAM) that will be held in Washington, D.C., 17-19 August, 2017. CAM is a biennial scientific conference cosponsored by the APS, the Canadian Association of Physicists, and the Sociedad Mexicana de Física. This year, APS is also pleased to be including a delegation of graduate students from Cuba. The conference provides physics graduate students of all subdisciplines with unique opportunities to build an international network, showcase their research, and develop key professional skills. All graduate students interested in participating in CAM2017 must participate scientifically. Approximately 60 students have been selected to give oral presentations and 40 students have been selected to present their research during a dedicated poster session.

The events above are just a few highlights of 2017. Please visit our website, www.aps.org/programs/international to learn more about our ongoing programs, such as the U.S.-Brazil & U.S. India Travel & Lectureship Programs, the International Research Travel Award Program, and other exciting news. Lastly, I want to thank FIP for its wonderful partnership with the APS International Office. So many of our programs are realized through contributions of FIP's many volunteers and I want to sincerely thank you for your efforts.

Amy Flatten is serving as Director of International Affairs of the American Physical Society (APS), where she develops international scientific exchanges, collaborations, and partnerships with physicists around the globe. Prior to joining APS, she served for five years with the White House Office of Science and Technology Policy (OSTP), where she managed international S&T initiatives involving government, academia, and industry. She received her Ph.D. and M.S. degrees in Engineering Science and Mechanics from the Georgia Tech.

October 2017

APS Task Force on Expanding International Engagement

Overview, Progress & Future Plans

Dr. Amy K. Flatten
Director of International Affairs
American Physical Society

Task Force on Expanding International Engagement

Task Force Charge & Outreach

Task Force Charge

- Identify and refine strategic objectives of expanded international engagement that will ensure the Society's long-term value to the international physics community. In doing so, the Task Force may:
  - Recommend ways that current APS initiatives can serve the Society's international goals,
  - Prioritize the countries or physics communities that could/should be served by APS international programs, and
  - Recommend new international programs, partnerships, or services to fulfill the Society's international objectives.
- As there is no "one size fits all" approach to serving the diverse international physics community, the International Task Force should recommend methods for establishing program priorities and evaluating their impact.
- As international issues span across all aspects of the APS, the Task Force will identify those critical, cross-cutting issues that APS should particularly address in partnership with international colleagues and suggest a process for doing so.

Task Force on Expanding International Engagement

Members

- **Task Force Members:** **Recommended by Presidential Line, Past-Presidents, Council, Executive Board, APS Members**

- **Jonathan Bagger**, Chair
  TRIUMF
- **William Colglazier**, Vice-Chair
  Center for Science Diplomacy, AAAS
- **Dirk Jan Bukman**
  APS Editorial Office
- **Luisa Cifarelli**
  University of Bologna
- **Carlos Henrique de Brito Cruz**
  São Paulo Research Foundation
- **Laura Greene**
  National High Magnetic Field Laboratory
- **Alan Hurd**
  Los Alamos National Laboratory
- **Young-Kee Kim**
  University of Chicago
- **Patricia McBride**
  Fermi National Accelerator Laboratory
- **Johanna Stachel**
  University of Heidelberg
- **Eliezer Rabinovici**
  Hebrew University
- **Nai-Chang Yeh**
  California Institute of Technology

Schedule

- ***Kick-off : Mar. 8, 2017***
- ***Timeline: Meet in-person & video-conference over ~ 6-8 months***
- ***Outcomes: Report & Recommendations expected in early 2018***

Task Force on Expanding International Engagement

Milestones

- **Progress (so far…)**
  - Contacting Executive Committees of all APS Units
  - Contacting national physical society presidents, other physics leaders
  - Working with AIP Statistical Resource Center on survey of APS membership

- **Future Plans**
  - Survey to APS members in late fall
  - Outreach to APS offices – seeking perspectives on international objectives
    - Senior Management team
    - Washington Office
    - Editorial Office
  - ***NOTE: Will be contacting Executive Board, Council & Presidential Line!!!***
  - Analyze feedback
  - Report & Recommendations expected in early 2018

BANS & VISAS

smaria@caltech.edu

APS PRESIDENT STATEMENT

American Physical Society
One Physics Ellipse
College Park, MD 20740-3844
Tel: (301) 209-3269
Fax: (301) 209-0867
www.aps.org

September 7, 2017

Dear APS Member,

The American Physical Society (APS) remains committed to promoting a diverse and inclusive workforce for Science, Technology, Engineering, and Mathematics (STEM), and reaffirms its belief that opportunity for everyone, and broad participation – regardless of race, gender, ethnicity, or national origin – will help ensure that our discipline as well as our society thrives. It is particularly appropriate to reaffirm this commitment as we engage in new national discussions on broad immigration policy, as well as specific issues such as Deferred Action on Childhood Arrivals. APS is committed to working with its Members, the Administration, and Congress to help ensure a strong STEM workforce that welcomes international participation. The decisions that we will make as a nation are crucial for educating and training students, and our concern extends to providing important continuity for their academic programs. We note that many significant STEM accomplishments in the U.S. have been made by first-generation Americans. Policies that limit the ability of the U.S. to attract international scientific talent or diminish the diversity of the STEM workforce will jeopardize U.S. leadership in science and innovation.

Yours sincerely,

Laura H. Greene

TRAVEL BAN & VISAS: RESPONSES NAS SCISEC

- The National Academy of Sciences (NAS) is leading a coalition of ~ 25 scientific and higher education organizations to address the impact of visa and immigration policies on scientific mobility. This coalition is informally called the “Science & Security Coalition (SciSec)” and has convened since 2004.

- On October 30, 2017, the NAS convened a meeting of the SciSec and representatives from the U.S. Department of State to discuss visa concerns and other scientific mobility issues from the recent travel restrictions imposed by the US Government.

NSA SCISEC WORK

– Background and History of the Science & Security Coalition

The Science & Security Coalition (SciSec) was initially convened in 2004, in response to visa delays after the 9/11 attacks on the United States. In 2004, 2005 and 2009, these science and higher education communities signed statements calling on the U.S. government to make improvements to the visa system for international students, scientists, and scholars. These are available at: http://www.aps.org/programs/international/visa/archives.cfm

NAS SCISEC WORK

- Visa Problems Harming America's Scientific, Economic, and Security Interests June 2009 statement and recommendations signed by 31 organizations.
- Enhancing U.S. Visa System to Advance Scientific & Economic Competitiveness & National Security Interests Recommendations following-up on the May 2004 statement, signed by 30 organizations.
- Visa Problems Harming America's Scientific, Economic, and Security Interests May 2004 statement signed by 25 U.S. scientific and academic organizations

NAS SCISEC WORK

- Since its inception in 2004, the SciSec has continued to convene to discuss common interests and concerns regarding visa issues and scientific mobility. Their meetings generally include representatives from 20-25 science organizations and its most consistent and active members have included the following groups:
- National Academy of Sciences (NAS) , American Association for the Advancement of Science (AAAS), Association of American Universities (AAU), American Chemical Society (ACS) ,American Physical Society (APS), American Society of Microbiology (ASM), Association of International Educators (NAFSA), Association of Public & Land-Grant Universities (APLU) , The Optical Society (OSA), IEEE-USA

SCISEC MEETING WITH U.S. DOS (OCT. 30)

– The NAS will provide a detailed meeting summary, along with suggested "next steps," which will be shared with the BEC. As a brief summary, the meeting focused on a few key issues:

- Potential avenues for travelers to attend conferences and events on B-1 visas more easily, including ways to obtain waivers for those traveling for scientific purposes
- Concerns regarding the increasing number of Iranian students and exchange visitors whose cases are in administrative processing for extended periods of time,
- Concerns regarding international scientific meetings in the United States that have either been canceled or are in danger of being canceled due to travel concerns, as well as organizations whose bylaws conflict with new U.S. travel policies, and
- Advice for those who would have ordinarily gone to the U.S. Embassies in Ankara and Havana, or gone to a Russian embassy or consulate – any suggestions on where they should interview instead?

SCISEC MEETING WITH U.S. DOS (OCT. 30)

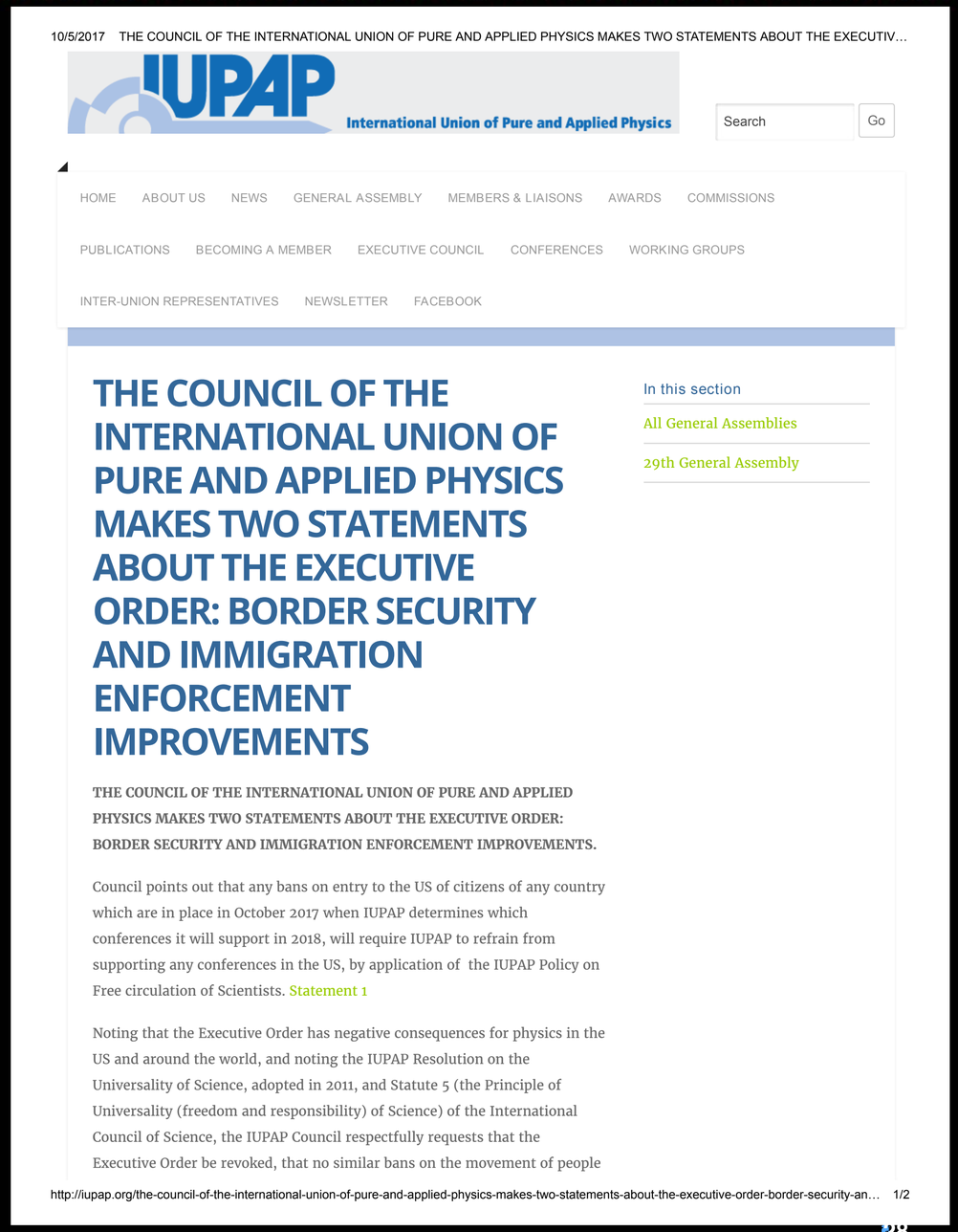
– Oct 30 meeting participants asked to collaborate with State Department regarding “messaging” in 3 specific areas:

1. Help with conveying to the international scientific community that “the U.S. indeed welcomes” visiting scientists and students,

2. Help for organizations preparing bids to host international meetings in the U.S. – how to answer international critics who oppose holding future meetings in the United States, and

3. Help in providing guidance to the Consular Officers conducting visa interviews – providing non-scientist interviewers with insights on the nature of international scientific training and collaboration.

PROPOSED BAN ON U.S.-HELD IUPAP MEETINGS



IUPAP International Union of Pure and Applied Physics

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THE COUNCIL OF THE INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS MAKES TWO STATEMENTS ABOUT THE EXECUTIVE ORDER: BORDER SECURITY AND IMMIGRATION ENFORCEMENT IMPROVEMENTS

In this section

All General Assemblies

29th General Assembly

THE COUNCIL OF THE INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS MAKES TWO STATEMENTS ABOUT THE EXECUTIVE ORDER: BORDER SECURITY AND IMMIGRATION ENFORCEMENT IMPROVEMENTS.

Council points out that any bans on entry to the US of citizens of any country which are in place in October 2017 when IUPAP determines which conferences it will support in 2018, will require IUPAP to refrain from supporting any conferences in the US, by application of the IUPAP Policy on Free circulation of Scientists. Statement 1

Noting that the Executive Order has negative consequences for physics in the US and around the world, and noting the IUPAP Resolution on the Universality of Science, adopted in 2011, and Statute 5 (the Principle of Universality (freedom and responsibility) of Science) of the International Council of Science, the IUPAP Council respectfully requests that the Executive Order be revoked, that no similar bans on the movement of people

0.INTERNATIONAL SCIENTIFIC CONFERENCES

- IUPAP did not vote in June the US ban proposed but the problems persist
- U.S. recently lost a bid to host the 2023 meeting of the International Union of Crystallography (IUCr). Visa policy concerns were the major reason.
- NAS is compiling lists of upcoming meetings that have been cancelled or are in danger of being cancelled, or future meetings that have been lost due to current visa policy. Scientific society representatives are asked to share information along these lines NAS

1. POSSIBLE WAIVER FOR BUSINESS TRAVELERS

PROCLAMATION ENHANCING VETTING CAPABILITIES

- The complete White House press release (September 24, 2017) is located here: https://www.whitehouse.gov/the-press-office/2017/09/24/enhancing-vetting-capabilities-and-processes-detecting-attempted-entry

- "A waiver may be granted only if a foreign national demonstrates to the consular officer's or CBP official's satisfaction that: (A) denying entry would cause the foreign national undue hardship; (B) entry would not pose a threat to the national security or public safety of the United States; and (C) entry would be in the national interest "

- Can language regarding scientists traveling to scientific and technical conferences be added?

2. DIFFICULTIES IN SCHEDULING VISA INTERVIEWS IN RUSSIA

- There is only one U.S. embassy/consulate operating in Russia (Moscow) due to reduced U.S. diplomatic presence there. Since Moscow is experiencing a tremendous backlog of applications, State is encouraging Russian applicants to apply at other countries' embassies and consulates, if possible.

CHINESE STUDENTS ACCESS IN NATIONAL LABS

- “… we regret to inform you that due to a large backlog of requests, we are unable to receive approval in order to accommodate your request for onsite access in December. The Department of Energy and Fermilab are working together to reduce the wait time. We encourage you to reapply for onsite access after the new year.”
- Not clear path forward to avoid these delays & other complications with China