

APS Annual Leadership Meeting
January 27-29, 2022

APS as a Welcoming Global Hub

**Implementing the Recommendations of the APS Task Force on
Expanding International Engagement**

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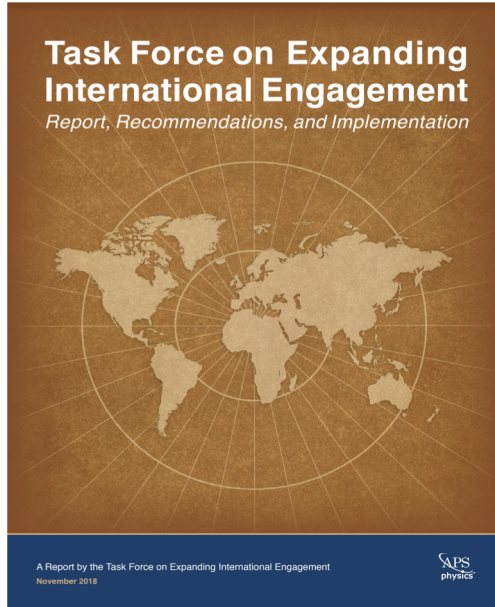
APS as a Welcoming Global Hub

Overview

- **History**
- **Welcoming Global Hub (Why? What? How?)**
- **Building the Roadmap**
- **The Road Ahead**

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History: Task Force on Expanding International Engagement



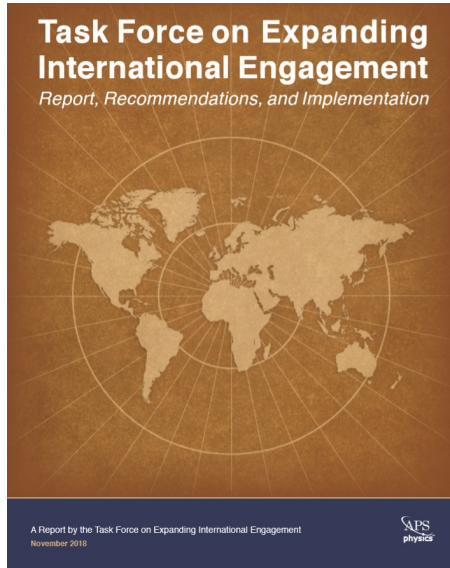
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2017-18: Develop a New Strategy for APS International Engagement

- APS CEO appointed Task Force
- Task Force Chair: Jonathan Bagger, TRIUMF
- 18-month effort to examine ways to expand APS international engagement
- Strategy to strengthen APS service to members and physicists worldwide
- Outreach to APS stakeholders around the world
- Survey of nearly 10,000 APS members
- **November 2018** - Report & Recommendations adopted by APS Council of Representatives

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History: Task Force on Expanding International Engagement



*“Our primary recommendation is that APS deepen its international engagement **across the full range of Society activities**. This is a transformational recommendation, one that affects the entire APS, not just the programs under the direct purview of the APS Office of International Affairs. We believe that our report can serve as useful guides towards **expanding the Society’s service, not just to APS members, but to the entire international physics community.**”*

*Jonathan Bagger
Director, TRIUMF
Chair, Task Force on Expanding International Engagement*

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Why a Welcoming Global Hub?

Task Force on Expanding International Engagement

Report, Recommendations, and Implementation



A Report by the Task Force on Expanding International Engagement
November 2010



*“Perhaps most importantly,
the Task Force suggested
that APS should **serve as a
global hub** — a place where
the world’s physics
community comes
together.”*

--Executive Summary

Connectivity & Community - Survey Results:

- Regardless of nationality, all members rated **“being part of a larger physics community”** as the primary reason for APS membership.
- Physicists may belong to their own national or regional society—and also to APS.
- The survey yielded an especially strong response from non-U.S. members, suggesting that physicists outside of the United States support the Society’s efforts to expand international engagement.

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Answering Key Questions

What is a Welcoming Global Hub?

By "global hub" *we don't presume to be the world's physical society*, but instead, offer a welcoming *community* for the world's physicists to connect with each other and advance their shared interests.

- A welcoming global hub should in particular provide:
 - An opportunity for *all* physicists, regardless of race, nationality, ethnicity, gender, and sexual orientation, to contribute to and benefit from the global scientific enterprise.
 - An opportunity for physicists of *diverse* levels of achievement and prosperity to build and strengthen relationships within the global physics community.
- It includes *expanded partnerships* and collaborations with other national physics societies and international physics organizations.

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Answering Key Questions

Why should APS offer a Welcoming Global Hub?

- APS values inclusiveness and diversity.
- Diverse participation in APS meetings, programs, and publications strengthens physics, and strengthens APS.
- This strategy underpins the APS mission *"to advance and diffuse the knowledge of physics for the benefit of humanity."*
- And *perhaps most importantly*, this strategy entails a **complementary** approach, recognizing that:
 - Physics across the globe advances physics in the U.S.!
 - Physics in the U.S. advances physics beyond U.S. borders!
 - International collaboration among physicists advances physics worldwide!

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Answering Key Questions

How can APS better serve as a Welcoming Global Hub?

- Not a “new” strategy -- a natural evolution of what APS is already doing.
- The APS already reflects the international nature of physics:
 - **Nearly one quarter of APS members live outside of the United States.**
 - *We must ensure that all physicists can participate in APS membership, meetings, and programs.*
 - **Nearly one third of all March Meeting participants coming from outside the United States.**
 - *We must extend virtual attendance to a global community of physicists.*
 - **More than two thirds of articles published in APS journals are from authors outside of the United States.**
 - *We must communicate to authors that APS programs and services are available to physicists in their country.*
 - *We must ensure that APS programs and services are accessible and relevant to physicists worldwide.*
- **Must establish a Roadmap with pragmatic goals and milestones**

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Building the Roadmap

Task Force on Expanding International Engagement

Report, Recommendations, and Implementation



A Report by the Task Force on Expanding International Engagement
November 2018

APS
physics

“...the Task Force recommends that APS leadership, in partnership with relevant advisory committees (e.g., CISA) develop a five-year roadmap of near-, mid- and long-term goals for international engagement.”

Roadmap Development Subcommittee

- Establish near-, mid-, and long-term goals for implementation
- Identify actions needed to accomplish each goal
- Ongoing outreach to all parts of APS
- External review by outside panel of experts

Subcommittee Members

- **Patricia McBride (Chair)**, Fermi National Accelerator Laboratory
- **William Colglazier**, Center for Science Diplomacy, AAAS
- **Alan Hurd**, Los Alamos National Laboratory
- **Carlos Henrique de Brito Cruz**, Universidade Estadual de Campinas, Elsevier Publishing

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Building the Roadmap

Draft Report

- Outreach - common themes: *Communicate, Convene, Include, Integrate, Serve!*
- Recommends near-, mid-, and long-term goals and supporting actions
- Undergoing external review--insights, advice, comments from international physics leaders, APS leaders, etc.
 1. In what ways do you believe that the recommendations will benefit physics, the physics community worldwide, and the APS?
 2. How do you believe the strategy of APS as a Welcoming Global Hub would be perceived by physicists across the globe, as well as those living in the United States?
 3. Does the Roadmap demonstrate the appropriate sensitivity to individual physicists, physics communities, physics organizations and institutions worldwide?
 4. How would you advise APS to share its strategy of providing a Welcoming Global Hub to the international physics community—especially those residing outside of the United States?

The American Physical Society
as a
Welcoming Global Hub

A Roadmap for Engaging and Serving
Physicists Worldwide

APS Committee on International Scientific Affairs

DRAFT

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The Road Ahead

- **Feedback from external reviewers**
- **Finalize Roadmap**
- **Begin implementation**
 - Convene physics society leaders – strengthen partnerships with national physics societies
 - Propose meetings/membership models that reduce barriers to APS engagement
 - Develop communications to convey APS as a Welcoming Global Hub
 - Expands certain U.S.-centric programs to international audiences



Thank You

Please feel free to contact APS International Affairs at International@aps.org