

GLOBAL NPSS

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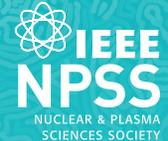
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PNL



IEEE Nuclear & Plasma Sciences Society
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NPSS—Serving the World Community

GLOBAL IEEE

For over 40 years, the different countries of the world have been represented in IEEE by the IEEE Regions which are responsible for organizing local activities in their area.

The IEEE invests heavily outside North America through its Members and Geographic Activities Board. The 47 different technical societies, councils, and committees are increasingly holding their meetings around the world as their local membership develops to the point that the meeting organization can be undertaken.

GLOBAL NPSS

Almost two-thirds of NPSS-sponsored conferences and local meetings are held outside North America or are very closely associated by cross-sponsorship and common committee members with meetings held in Asia and Europe. Examples are:

- » The Real-Time Conference has for many years been held alternately in Asia, Europe and North America.
- » The largest NPSS conference, NSS/MIC, since 2000 has been held in Europe every four years. It now aims to be held outside North America in either Europe or Asia every two to three years.
- » The second-largest conference, PAC, has always been held in North America but is now held in coordination with an annual IPAC which is fully international and is held alternately in Asia, Europe and North America.
- » More recently, the International Conference on Plasma Science is also becoming more global; being held in JeJu Island, Korea in 2003, Karlsruhe, Germany in 2008, Edinburgh, UK in 2012, and will be in Antalya, Turkey in 2015.
- » Nine of our active local chapters are in the US and Canada, 6 are in Europe including eastern Russia, 3 are in Asia, and our newest was formally established in North Africa and the Middle East. Other new chapters are in the process of being formed in Asia and South America.



ENERGY FOR IMPOVERISHED THIRD-WORLD COMMUNITIES

IEEE Volunteers are developing energy solutions for villages that currently have no power. NPSS has been proud to be a strong initial funding source for one project that has been driven by one of our long-time volunteers.

Without power, villagers pay a significant price for charging cell phones and after sunset adults have to stop activities and children can no longer study for school. The SunBlazer project provides the blueprints, manuals and help to establish in-country businesses building, supporting and running SunBlazer solar-power systems. The initial, very successful, trials have been running in Haiti since 2011 and the project is now expanding as funds allow to other countries and continents.

More information is available at communitysolutionsinitiative.org

HELPING MANAGE DANGERS IN A CHANGING WORLD

The IEEE has been central to maintaining scientific dialogue with laboratories in the Former Soviet Union and especially Russia. As a high-caliber international scientific organization the IEEE facilitated communication, and helped develop personal and professional relationships that contribute to the global efforts at nonproliferation and, increasingly, counterterrorism. Without the continuity of a recognized, international, scientific entity with a nongovernmental program comprised of journals, conferences and professional activities (including awards) these relationships would have succumbed to fluctuations in international relations and would not likely be available today.

GROWING INTERNATIONAL MEMBERSHIP

Currently, about half of NPSS members are from outside North America, and this proportion is continually growing.

Clearly, both the IEEE and NPSS seek to further growth outside North America and the limit is only the enthusiasm of our local members to take the lead in chapter and conference organization. The IEEE is opening new or extending existing offices outside North America every year. We are a society of members. Members who volunteer ensure the future success of our professional community and its activities.

Come and join us!
Better yet, volunteer and help us do even better.