Industrial physicists' role in emerging economies

Research is indeed a global enterprise. Scientists collaborate with their colleagues across borders, and the scientific workforce is becoming more globally mobile with each passing year. Scientists from all continents publish in premier scholarly journals; this is true across the portfolio of AIP journals. While science has been evolving into a borderless endeavor for quite some time, the increasing globalization of industrial physics is a relatively recent phenomenon. The 2014 Industrial Physics Forum (IPF) at the University of Campinas (UNICAMP) in Brazil illustrated this beautifully. Held September 28-October 3 at the Gleb Wataghin Physics Institute at UNICAMP, IPF Brazil explored how physical scientists could contribute to their regions' emerging economies. The conference drew 200 participants—60 percent of them students—from 20 countries, who engaged with representatives from 20 different companies, ranging from international giants like IBM, to small startups like Altanet Communications. The IPF was divided into two parts. The first three days consisted primarily of talks from scientists in industry discussing their companies' workforce and technical needs and how the physical sciences contribute to their bottom line. “The Entrepreneurial Professor” sessions were especially popular, as they featured university professors who had also started their own companies. The final two days of the conference featured a short course on entrepreneurship for scientists and engineers led by Doug Arion of Carthage College.
Physics bachelor's one year after degree

The number of physics bachelor's degrees awarded in the United States is at an all-time high. The 7,329 physics bachelor's degrees awarded in the class of 2013 represents a doubling of degrees conferred since a recent low in 1999. With this unprecedented number of physics bachelor's degrees being awarded, it is important to provide students pursuing these degrees with information about the career paths available to them.

» Read more

Career Network hosts networking webinar

On October 1 Career Network (CN) hosted a webinar on behalf of its partner organizations titled “Network Yourself to a Great Career.” Participants learned how to promote their work and expertise in order to build networks, how to “work a room” and start conversations with new people, and how to optimize conference experiences and use social networks to further professional goals.

» Read more

Coming Up

October 19-20

- AIP Publishing 2014 Journal Editors’ Fall Conference (Melville)

October 19-23

- OSA 98th Annual Meeting and Exhibition (FiO) (Tucson, AZ)

October 27-31

- ASA 168th Meeting (Indianapolis, IN)

November 3

- AIP Executive Committee meeting (College Park)
- L.S. Trimble Science Heritage public lecture, “Atomic Tracings: Radioisotopes in Science and
November 4

- AIP Governing Board meeting (College Park)

November 9-14

- AVS 61st International Symposium & Exhibition (Baltimore, MD)

November 19-20

- AIP Publishing Board of Managers Meeting (New York, NY)