



High Impact Technology Exchange Conference

Educating America's Technical Workforce

Fairmont Scottsdale (Arizona)

July 19–22, 2009

TECHNICIANS: UPDATE YOUR SKILLS AND KNOWLEDGE

The High Impact Technology Exchange Conference (HI-TEC) offers a wealth of practical information to help technicians further develop their knowledge, skills, and abilities, while providing valuable networking opportunities. HI-TEC workshops allow technicians to gain hands-on experience with current and emerging technologies, while conference sessions and keynotes provide an up-close look at the ever-advancing tools, training demands, and recent developments in emerging and converging technology fields. Stay abreast of the latest developments in technical workforce demands. **Attend HI-TEC!**

HI-TEC uniquely explores emerging and converging technologies such as:

- ◆ **Advanced Manufacturing**
- ◆ **Agricultural, Environmental, & Energy**
- ◆ **Biotechnology & Chemical**
- ◆ **Engineering**
- ◆ **Information & Security**
- ◆ **Learning & Evaluation**
- ◆ **Micro- & Nanotechnologies**

BELOW IS A SAMPLING OF TECHNICIAN FOCUSED OFFERINGS:

PRECONFERENCE WORKSHOPS & TOURS JULY 19-20, 2009

Sunday 1:00 PM to 5:00 PM

- Product Lifecycle Management
- Enhancing Technician Employment Opportunities in Photonics-Enabled Technologies (*Continued Monday*)

Monday 8:30 AM to 12:00 PM

- Enhancing Technician Employment Opportunities in Photonics-Enabled Technologies (*Continued*)
- Microsystems (MEMS) Innovators Wanted

Monday 7:30 AM to 10:30 AM

- **Industry Tour I:** Solar Technology and Research Center

Monday 1:00 PM to 4:30 PM

- Introduction to Computer Virtualization
- Green IT – The Next Big Thing
- **Industry Tour II:** Translational Genomics Research Institute
- **Industry Tour III:** Arizona State University Flexible Design Center

Monday 8:30 AM to 4:30 PM

- Integrating Geospatial Technologies to Support your Organization
- Intersections of Biotechnology, ICT, and Security
- Emerging Technologies in Biofuel and Wind Energy Production

CONFERENCE SESSIONS JULY 21-22, 2009

Tuesday 9:30 AM to 6:00 PM

- **Technology Showcase Exhibits**

Wednesday 9:30 AM to 3:30 PM

- **Technology Showcase Exhibits**

Tuesday 10:30 AM to 12:00 PM

- New and Emerging ICT Technologies
- Nanotechnology: from Energy to Medicine
- Technician Roles in Renewable Energy Fields

Wednesday 10:30 AM to 12:00 PM

- Applications of Photo Stitching Technology
- Gene Chip Arrays and BioMEMS
- Technician Roles in Energy Conservation

Tuesday 1:30 PM to 3:00 PM

- Technician Success in Micro- and Nanotechnologies
- Future of Geospatial Technologies

Wednesday 1:30 PM to 3:00 PM

- Nanotechnologists: a Job in Many Markets
- Certification for Technicians

Tuesday 3:30 PM to 5:00 PM

- Information Security/Information Assurance

Wednesday 3:30 PM to 5:00 PM

- Virtual Enterprise Integration in IT and Biotech

HI-TEC is sponsored by a consortium of NSF Advanced Technological Education centers and projects and supported by grants from the National Science Foundation and contributions from corporate and industry partners.



For more information, or to register, visit www.highimpact-tec.org.