HOTEL RESERVATION

Reservation Deadline: June 25

Reservation requests after this date will be accepted on a space-available, rate-available basis at the prevailing rate. For hotel reservations, go to www.highimpact-tec.org under “Hotel/Travel” or call 800-437-5288. Single/Double: $209 (be sure to mention HI-TEC to get this rate.)

The Grand America Hotel
555 South Main St
Salt Lake City, UT 84111

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Produced by a consortium of National Science Foundation Advanced Technological Education centers and projects, HI-TEC is a national conference that presents postsecondary and secondary educators and stakeholders with professional development, educational materials, collaborative ventures, and insights into the convergence of scientific disciplines and technologies and emerging market trends essential to developing and advancing the technical workforce of the 21st century.

Attendees learn strategies for building and expanding educational programs, improving student recruitment, integrating advanced technologies into existing curricula, shaping workforce development policy, and more.

Who Attends HI-TEC?

- STEM faculty
- Technicians
- College representatives, program development specialists, and counselors
- Secondary/postsecondary faculty
- Industry trainers and learning managers
- Workforce development personnel
- Individuals concerned with skill standards and employability issues

Keynotes

Rory Cooper, chair of the FISA Foundation and Paralyzed Veterans of America, will speak on the challenge of accommodating an aging workforce and people with disabilities who seek STEM careers (including many technically skilled military veterans). Historically it has been difficult for people with disabilities to achieve STEM degrees and STEM careers. Initiatives to remove those barriers will improve the education of the STEM workforce and increase safety and productivity for all workers.

Major League Hacking (MLH) is the official student hackathon league that empowers student leaders to run 250 weekend-long hackathons each year hosted at universities and high schools around the world. At these invention marathons, 70,000+ students a year create something new—websites, mobile apps, robots, and more. Jon Gottfried, cofounder of MLH and recent inductee to the Forbes 30 Under 30 Education list, will share strategies, best practices, and lessons learned from this grassroots movement.

Preconference Workshops and Site Visits • July 17–18

Monday, July 17, 8:30 a.m.–Noon
- Designing and Learning C With Arduino
- Fundamentals of Optics and Photonics Workshop
- Internet-of-Things New Lab Library
- Targeted Genome Editing with CRISPR
- Higher Ed in Drone Technology and FAA Certification

Monday, July 17, 1:00–4:30 p.m.
- Big Data Visualization and Analytics
- Critical Issues and Best Practices in Nanotechnology Education (invitation only)
- Getting Started with the “Raspberry Pi”
- Improving Your Cybersecurity Curriculum Through Knowledge Units
- NSF Proposal Writing and Mock Panel Review
- Successful Student Recruiting Strategies 2017

Tuesday, July 18, 8:30 a.m.–Noon
- 123 of PLCs
- IoT Programming and Automation
- Classroom Lab at the Edge of Space: Mini-Cube Program
- Creating Micro and Nano Encapsulate for Multiple Disciplines and Applications
- Micro Nano Technology (MNT) Special Interest Group
- New, Free, Virtual Labs in IT/Security

Tuesday, July 18, 1:30–4:30 p.m. • Technology Site Visits
- Brigham Young University Research Tour
- Nu Skin Enterprises Innovation Center Tour
- Thanksgiving Point: A Gem in the Utah Desert
- Targeted Genome Editing with CRISPR
- Internet-of-Things New Lab Library
- Critical Issues and Best Practices in Nanotechnology Education (invitation only)
- Improving Your Cybersecurity Curriculum Through Knowledge Units
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- Successful Student Recruiting Strategies 2017

Questions? Sheila Wilson • swilson@cord.org • 254-741-8329