VT Mathletes Get Ready for National Competition

Congratulations to the student team that will represent Vermont during the 2024 Raytheon MATHCOUNTS Competition finals, May 11-14 in Washington, DC. The event is a celebration of the incredible mathletes, educators, volunteers, alumni, and education advocates who make MATHCOUNTS possible. The thrilling Countdown Round at the national competition will take place on May 13 and is open to the public (registration required). Access information about the mathletes and competition events here.

Vermont MATHCOUNTS Team

Front Row (left to right): Mohid Ali (F.H. Tuttle Middle School) and Tank Chandler (Edmunds Middle School). Second Row (left to right): Kazimir Skalka (Edmunds Middle School), John Radimer (Coach), and Chase Gurtman (F.H. Tuttle Middle School).

Read more about the Vermont MATHCOUNTS program and recent state competition results.
Vermont’s Largest Energy Fair Draws Hundreds

For 17 years the Waterbury Local Energy Action Partnership has hosted the biggest energy fair in the state to showcase the latest technology for a more sustainable future, NBC 5 reports.

"A lot of people in Vermont are looking to save energy and save money, and a lot of people are curious about green energy options and this is the place to come to learn all about the latest technologies and opportunities to save," said Duncan McDougall, the event organizer.

Roughly 700 hundred people attend every year from every corner of the state, and as more people start paying attention to carbon emissions and their own personal contributions to climate change, the event continues to grow.

"17 years ago it was a lot of early adopters; now basically everyone is interested in it [green energy] they have neighbors they have friends who are interested in solar heat pumps, power walls or electric vehicles, and they want to find out more. and that's why we bring all the experts together," said McDougall. Read more.

GlobalFoundries Hosts Students From The Governor's Institute

GlobalFoundries (GF) recently partnered with The Governor's Institute of Vermont (GIV) to host a One Day Adventure: Engineering the Solution at GF's Essex Junction facility, Vermont Business Magazine reports. During the event, students experienced the world of engineering at GF with an inside look into real engineering situations through hands-on activities, analytical problem-solving, and opportunities to collaborate.

Following a welcome from Director of Fab 9 Operations Jean Blunt, students opened the day with a hands-on LED Helicopter activity, followed by a GaN case study presentation by GF team members.

Students then split into four "go see" groups to explore different parts of the GF facility and learn about their case study. These areas included tools in the fab, the physical failure analysis lab, the electrical failure analysis lab, and the wafer test area in the modeling lab.

"This is a unique opportunity for high school students to pursue their passions outside of a traditional classroom setting," says Executive Director Elizabeth Frascoia. "GIV strives to provide young people with the resources and mentorship they need to explore career options right here in Vermont. We’re so grateful for the chance to collaborate with an industry leader like GlobalFoundries in our mission to support Vermont's youth as they discover their path forward." Read more.
Stay up to date on legislative issues through the NSPE Advocacy Center.

**Connect and Learn at NSPECCon24**

Registration is open for NSPECCon24 (Raleigh, North Carolina, August 7-9), the prime national event for professional engineers to engage and connect with their peers and to advance their careers. The early-bird discount rates are available until June 27. Access registration information and rates [here](#). Access the preliminary conference program for details on keynote speakers and session topics.

The deadline for [reserving a hotel room](#) at the Raleigh Marriott Crabtree Valley for the NSPECCon24 rate is July 15. We encourage you to make your reservation early since there are a limited number of conference rate hotels rooms available.

NSPECCon24 also offers a variety of [sponsorship and exhibitor opportunities](#) to put
your company or organization in front of senior executives and other decision-makers from across the industry. A special exhibitor discount is being offered to Research Triangle-based businesses.

Welcome to Our 2024 Sponsors!

**New Program: Leadership Institute for Women PEs**

NSPE’s Women Leadership Program is sponsoring the Leadership Institute for Women Professional Engineers, a three-day program designed to support mid-career women PEs in confidently navigating their career path and leveraging their leadership skills.

The institute agenda is interwoven into the NSPECon24 program with participants attending pre-conference opening sessions on Wednesday, August 7, and sessions the mornings of Thursday, August 8 and Friday, August 9, in Raleigh, North Carolina. Attendees must register for NSPECon24 to attend the institute.

Access more information and register.
QBS Awards Program Accepting Nominations

NSPE is seeking nominations for the 2024 QBS Awards. The QBS Awards program promotes and recognizes the exemplary use of the qualifications-based selection process in three categories: federal government sector, state governor sector (includes all governmental units under the state level), and nongovernment sector. The deadline for nominations is June 7 (close of business). Access the awards information and nomination form.

Read a PE magazine article about a longtime champion of QBS.

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