



Hands-on labs exploring topics from bridges to EVs. Live-streamed by engineering experts.

Our lab day events offer students the opportunity to learn, ask questions, and interact directly with some of engineering's brightest leaders.

Events will be 10am-1pm ET

9am–12pm CT • 8am–11am MT • 7–10am PT

Unless otherwise noted

Sign Up No

## 2024 SCHEDULE

 <h2>Bridges</h2> <p>Building Structures that Last</p> <p><b>Avery Bang</b> Senior Principal, Mulago Foundation</p>	<p>Sep. 25</p> 
 <h2>International Day of the Girl</h2> <p>Smart Circuits: Building Programmable Electronics</p> <p><b>Miral Kotb</b> iLuminate, Artist and Entrepreneur</p>	<p>Oct. 11</p> 
 <h2>Biomedical Engineering</h2> <p>Using Light to Cure Disease</p> <p><b>Bill Woodburn</b> Engineering Tomorrow and a Founding Partner of Global Infrastructure Partners</p>	<p>Oct. 23</p> 
 <h2>Product Engineering</h2> <p>3D Printing and CAD</p> <p><b>Aalap Herur-Raman, MD, MS</b> VCU Health</p>	<p>Dec. 04</p> 
 <h2>Renewable Energy</h2> <p>Building Solar &amp; Wind Systems</p> <p><b>Dr. Frank Fish</b> Professor at West Chester University of Pennsylvania</p>	<p>Oct. 30</p>  <p>Nov. 13</p> 
	<p>Dec. 11</p>  <p>Dec. 18</p> 

## 2025 SCHEDULE

 <b>Software Engineering</b> Building an App Using MIT App Inventor	Jan. 08	 <b>Gina Brusco</b> Software Engineer at Capital One	 <b>Special Pop-up: Valentine's Day</b>	Feb. 14	 <b>Ignacio Quintana</b> Partner and Managing Director at MGX
 <b>Clean Water</b> Filtration Systems & Water Conservation	Jan. 15	 <b>Natalie Celmo</b> Senior Program Engineer at Engineers Without Borders	 <b>Paris Martin</b> Chief Technologist at Booz Allen Hamilton	Feb. 19	 <b>Rakib Jamil</b> Data Science and Product Manager, NBA/WNBA
 <b>Robotics</b> Intro to Coding & Virtual Robot Navigation	Jan. 21	 <b>Josh Geating</b> Atlas Actuation Lead, Boston Dynamics	 <b>Astrodynamic</b> Exploring Space & Developing Launch Vehicles	Mar. 04	 <b>NASA Astronaut</b> Pending Launch Schedules
 <b>Pharmaceuticals</b> Designing & Producing Effective Medicines	Jan. 30	 <b>Maria E. Lopez Marino</b> Operations Senior Manager at Amgen, Inc.	 <b>Medical Devices</b> 3D Printing for Prosthetics	Mar. 12	 <b>Dr. Ibrahim Tarik Ozbolat</b> Biomedical Engineer and Professor
 <b>Green Hydrogen</b> Exploring Hydrogen Power & Electrolysis	Feb. 05	 <b>Adria Wilson</b> Director at Breakthrough Energy	 <b>Sound and Acoustics</b> Mitigating Noise Pollution	Mar. 19	 <b>Ola Jegede</b> Aerodynamicist at Mercedes-AMG Petronas Formula One Team



**Remediated Sites**  
Decontaminating and Restoring an Environment

Noel Blackburn  
DEI Officer at Brookhaven National Laboratory

Apr. 02





**Semiconductors**  
Electroplating and Integrated Circuit Production

Olivia Jaenicke  
Optical Production Engineer at ASML

May. 07





**Earth Day**  
Electric Vehicles: Building & Racing Your Own EV

Telva McGruder  
Executive Director, Global Body Manufacturing Engineering, General Motors

Apr. 23





**Bridges**  
Building Structures That Last

Nicola Turrini  
Senior Manager at Bridges to Prosperity

May. 21





**Aerodynamics**  
Airplane Design & Optimization

Janelle Wellons  
Senior Mission Operations Engineer at ispace

Apr. 30



#### WHAT IS A LAB DAY

### Lab Days are live, virtual field trips.

Your students will come together virtually with other classes all over the country to learn about a specific topic in engineering and complete their own related projects.

Participate live for the event – or attend as much as you can and watch the rest on demand.

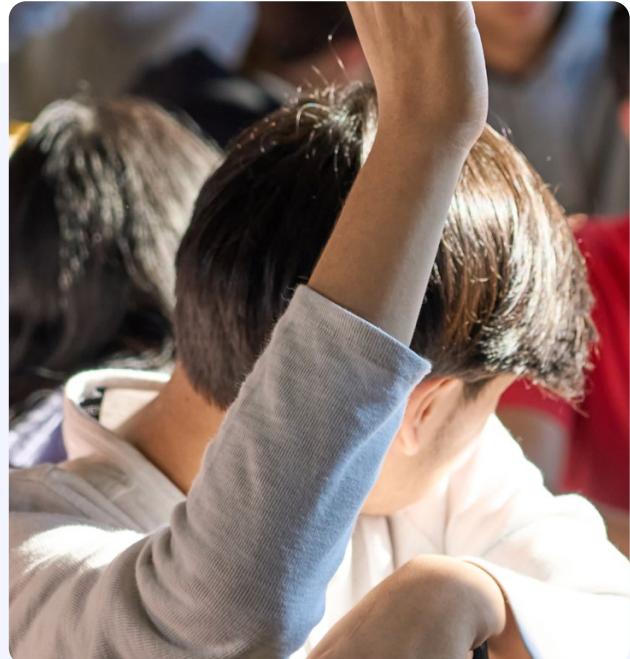
Lab Days feature time for students to interact with college engineering students and professional engineers!

[Sign Up Now](#)



SCAN QR CODE TO SIGN UP NOW!

To introduce your students to a life of engineering, call 917.334.4126 or email [contact@engineeringtomorrow.org](mailto:contact@engineeringtomorrow.org).



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