



Engineering your Future

Webinar & Live Q&A series for students in Years 7–12

“There is nothing I believe in more strongly than getting young people interested in science & engineering, for a better tomorrow, for all humankind.”

Bill Nye, Science Educator & Mechanical Engineer

Monday afternoons - 5-6pm

Commencing 30 August 2021

Engineering Your Future is an online program to support high school students to learn more about opportunities in engineering.

Held after school on Mondays, attendees will have access to a range of information sessions across engineering disciplines, including live Q&A with Engineers working on multiple sites, on various projects.

From Civil & Structural to Quantum: learn about amazing projects and “a day in the life” of these Engineers, with everything you could want to read, watch and download about Engineering all in one place.

Hear from university students and academics, learn more about life at University and the amazing opportunities that lie ahead for you.

We welcome younger school students as well as first and second year university students!

This series would also be of great benefit to Parents, Teachers, Careers Advisors

- learn about the incredible opportunities that lie ahead for this generation of students.

- find out how they can make a difference in the world.

TICKETS

No charge!

CONTACT

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engineersaustralia.org.au



Supported by the Office of
NSW Chief Scientist & Engineer

engineersaustralia.org.au

REGISTER NOW



calendar of events

<p>Monday 30 August</p> <p>Australian Centre for Field Robotics</p> <p>Site Visit + discover the future & practical application of Robotics</p> <p><i>Areas:</i> Electrical; Mechanical; Mechatronics; Software; Data etc</p>	<p>Monday 6 September</p> <p>Universities Admissions Centre (UAC)</p> <p>What do Universities look for in Engineering students & tips for applications</p> <p><i>Areas:</i> Future Engineers; Careers; University application process</p>	<p>Monday 13 September</p> <p>University of Wollongong</p> <p>Student-led Multi-disciplinary Projects</p> <p>– The Desert Rose</p> <p><i>Areas:</i> Design; Civil; Structural; Electrical; Electronic; Mechanical; Photovoltaics; Materials; etc</p>
<p>Monday 20 September</p> <p>Sydney Quantum Academy</p> <p>Quantum Engineering</p> <p>We know about Quantum Physics (?)</p> <ul style="list-style-type: none"> - how do you become a Quantum Engineer? - how Engineers apply the science in research & industry innovations 	<p>Monday 27 September</p> <p>UGL Mega Projects</p> <p>How many Engineers does it take....</p> <p><i>Areas:</i> Civil; Structural; Electrical; Mechanical; Materials; Software; Project Management etc</p>	<p>Monday 11 October</p> <p>Dolby Australia</p> <p>Visit Dolby's Opal Lab</p> <p>– a fully integrated home/office</p> <p><i>Areas:</i> Electrical; Electronic; Sound; Software; Data Signal Processing</p>
<p>Monday 18 October</p> <p>Cochlear</p> <p>Hear now, and always</p> <p><i>Areas:</i> Electrical; Mechanical; Mechatronics; Biomed; Software; Data; Firmware etc</p>	<p>Monday 25 October</p> <p>John Holland Group</p> <p>Major Projects</p> <p><i>Areas:</i> Civil; Structural; Electrical; Mechanical; Materials; Software; Project Management etc</p>	<p>Monday 1 November</p> <p>Western Sydney University</p> <p>Student-led Multi-disciplinary Projects</p> <p>– The Solar Car Challenge</p> <p><i>Areas:</i> Design; Electrical; Mechanical; Photovoltaics; Materials; etc</p>
<p>Monday 8 November</p> <p>CPB Contractors/ Sydney Metro</p> <p>Pitt St Metro Station</p> <p>- underground construction challenges</p> <p><i>Areas:</i> Civil; Structural; Design; Electrical; Materials; Mechanical; Project Management etc</p>	<p>Monday 15 November</p> <p>Honeywell in The House</p> <p>How Engineers are helping this iconic building conserve energy & water.</p> <p><i>Areas:</i> Software; Digital; Electrical; Materials; Mechanical; Project Management etc!</p>	<p>Monday 22 November</p> <p>Robert Bird Group</p> <p>Sydney's Crown Towers Project</p> <p>- 70 storeys of innovation!</p> <p><i>Areas:</i> Civil; Structural; Design; Electrical; Materials; Mechanical; Project Management etc!</p>
<p>Monday 29 November</p> <p>Engineers without Borders/UTS</p> <p>Student-led projects creating social value through Engineering</p> <p><i>Areas:</i> Humanitarian; Civil; Structural; Electrical; Mechanical; Photovoltaics; Materials; etc</p>	<p>Under negotiation:</p> <p>Special Screening</p> <p>Al Gore</p> <p>Former US Vice President & Global Environmentalist</p> <p>Keynote Address</p> <p>"Climate Smart Engineering"</p> <p>16-17 November 2021</p>	



ENGINEERS AUSTRALIA