

PROGRAM AT A GLANCE

Themes:

<p>Theme 1 How new technology and innovations are reshaping engineering</p>	<p>Theme 2 Engineering for humanity: responsive design for greater liveability</p>	<p>Theme 3 Fostering diversity and inclusion</p>	<p>Theme 4 Preparing the next generation of engineers</p>	<p>Theme 5 Engineering leadership, governance and influence</p>	<p>Theme 6 Our changing climate: mitigation, resilience and adaptation</p>	<p>EA Engineers Australia</p>	<p>WFEO World Federation of Engineering Organizations</p>
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Relates to the Sustainable Development Goals:

SDG 1, 6, 7, 9, 12, 13, 14, 15	SDG 1, 2, 3, 4, 10, 11, 12	SDG 4, 5, 10, 16, 17	SDG 4, 17	SDG 1, 4, 5, 8, 12, 13, 16, 17	SDG 3, 6, 7, 10, 13, 14, 15
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	Tuesday 19 November
	Technical Tours
	Morning tea
	Technical Tours
12:30 - 13:30	Lunch
	Technical Tours
	Afternoon tea
	Technical tours

Wednesday 20 November																																		
07:00 - 08:00	Registration																																	
08:00 - 09:00	WEC 2019 Opening Plenary Session																																	
09:00 - 10:50	Keynote Sessions Themes 2 & 3: Engineering for humanity through diversity - responsible design for greater livability delivered by inclusive engineering teams																																	
09:00 - 17:00	Engineers Without Borders Showcase																																	
10:50 - 11:15	Morning tea and poster viewing																																	
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13:30 - 15:26	Technical Presentations <table border="1" style="width:100%; text-align:center; font-size:small;"> <tr> <td style="background-color:#00A09A;">Modelling and simulation</td> <td style="background-color:#00A09A;">Innovation and disruption</td> <td style="background-color:#333333;">A changing profession</td> <td style="background-color:#C0C000;">Education system</td> <td style="background-color:#33A066;">Adaptation, risk leadership</td> <td style="background-color:#800080;">Natural disaster risk management</td> <td style="background-color:#800080;">Energy and sustainability</td> <td style="background-color:#C06040;">Smart cities</td> <td style="background-color:#C06040;">Transport systems</td> <td style="background-color:#004080;">Capacity building - indigenous</td> <td style="background-color:#D9534F;">Engineers Australia</td> </tr> <tr> <td colspan="10"></td> <td style="background-color:#D9534F;">Great Debate (Women in Engineering)</td> </tr> <tr> <td colspan="10"></td> <td style="background-color:#D9534F;">Future Energy World (Electrical College Board)</td> </tr> </table>	Modelling and simulation	Innovation and disruption	A changing profession	Education system	Adaptation, risk leadership	Natural disaster risk management	Energy and sustainability	Smart cities	Transport systems	Capacity building - indigenous	Engineers Australia											Great Debate (Women in Engineering)											Future Energy World (Electrical College Board)
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18:00	WEC Day 1 Close / End																																	
18:00	WEC 2019 Welcome Reception / Poster Session																																	
18.30 - 19.30	Public Forum Future Melbourne - what could Melbourne look like in 10 years? Lord Mayor Sally Capp, Prof Carlo Ratti, Dr Collette Burke.																																	

Theme colour key:



Thursday 21 November																																		
08:00 - 09:00	Registration																																	
09:00 - 10:30	Keynote Sessions Themes 1 & 4: The future is already here - the shape of next gen engineers and technology																																	
09:00 - 12:30	LEGO Discoveryland Education workshop for primary school children																																	
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									EEA																									
18:00	WEC Day 2 Close / End																																	
18:30 - 21:00	Signature Event - Limited spaces available																																	

Theme colour key:

Theme 1	Theme 2	Theme 3	Theme 4	Theme 5	Theme 6	EA	WFEO
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Friday 22 November										
08:00 - 08:30	Registration									
08:30 - 10:30	Keynote Session Themes 5 & 6: The only constant is change - an ever-changing engineering profession operates in an environment constantly impacted by society									
10:30 - 11:00	Morning tea and poster viewing									
11:00 - 13.30	Technical Presentations									
	Innovation and disruption	Data analytics	Governance	Nature of leadership	Preparation for practice	Technology for natural disasters	Transport systems - road	Transport systems - sustainability	Sustainable assets	Engineering a career
11.00 - 13.00	Anything is possible Where could a Career in Engineering Take You? A program for high school students									
13:00 - 14:00	Lunch, mini-orals and poster viewing									
14:00 - 15:57	Technical Presentations									
	Innovation and disruption	Robotics, cyber security	Transformative models	Industry - education	Mitigation	Sustainable water assets	Sustainable assets	Transport systems - future	Sustainable assets	Engineering a career
16:00 - 17:00	WEC 2019 Closing Plenary Session									
17:00	WEC Day 3 Close / End									

Theme colour key:

