

EduDrone 2020

SPEAKER PROGRAM



CATEGORIES



Primary /
Elementary



Middle /
Secondary



Tertiary



Industry



STEMspiration

DAY 1

SPEAKER	TITLE	CATEGORY
MONDAY 31 AUG: 10AM BRISBANE / SUN 30 AUG 8PM NEW YORK		
Dr Karen Joyce <i>James Cook University / She Maps</i>	Opening address: The past, present, and future of drone education	
Dr Jon Kok <i>Australian Institute of Marine Science</i>	Drones at Sea	
Anna Kreij <i>James Cook University</i>	Drones and Archaeology: Documenting Kaiadilt Fishtraps	
Dr Javier Leon <i>University of the Sunshine Coast</i>	Drones and micortopography	
MONDAY 31 AUG: 7PM BRISBANE / 10AM LONDON		
Adam Gilmour <i>Gilmour Space Technologies</i>	Space, the next frontier for Australia	
Sarah Atkins <i>ACARA - The Australian Curriculum Assessment and Reporting Authority</i>	Using geospatial technologies across curriculum learning areas to design soutsions in fun and authentic contexts	
Gullara McInnes <i>Mareeba State High School</i>	Defying stereotypes	
Brett Dascombe <i>Wavell State High School</i>	Embedding spatial technologies into Queensland classrooms	

DAY 2

SPEAKER	TITLE	CATEGORY
TUESDAY 1 SEPT: 10AM BRISBANE / MON 31 AUG 8PM NEW YORK		
Narelle Underwood <i>NSW Surveyor General</i>	From boots to suits: Mapping a future in the field of surveying	
Anna Windle <i>University of Maryland</i>	Eyes in the sky: How drones can be used to monitor water quality in Chesapeake Bay	
Clair Allen <i>North Arm State School</i>	Learning with drones and digital technology on a shoestring	
Dr Wafa Johal <i>University of New South Wales</i>	Social (flying) robots for learning	
TUESDAY 1 SEPT: 7PM BRISBANE / 10AM LONDON		
Dr Catherine Nakalembe <i>University of Maryland / NASA Harvest</i>	Drones for climate resilience in refugee settlements of Uganda	
Philipp Hortsmann <i>DroneMasters Academy</i>	Turning drone-flying kids into tech-savvy experts	
Chris Barry <i>Brentwood Secondary College</i>	Introducing flight training in schools	
Roshni Sharma <i>FrontierSI</i>	The power of GIS: A career in spatial science	

DAY 3

SPEAKER	TITLE	CATEGORY
WEDNESDAY 2 SEPT: 10AM BRISBANE / TUES 1 SEPT 8PM NEW YORK		
Dr Ali Kashani <i>Postmates</i>	The future of robots, AI, and food delivery	
Jae Brown <i>Fly Vektor</i>	Drones and entrepreneurship	
Chippie Kislik <i>University of California, Berkley</i>	Drones for river restoration and education	
Christine Munisteri <i>GEO Jobe</i>	Creating point clouds and 3D models with drones for planning and site assessments	
WEDNESDAY 2 SEPT: 7PM BRISBANE / 10AM LONDON		
Sol Milne <i>University of Aberdeen</i>	Drones and aerial surveys to monitor Bornean orangutan habitat	
Paul Hardy <i>Surf Life Saving New South Wales</i>	Using drones to keep our beaches safe	
Jade King <i>Glasshouse Christain College</i>	Integrating drone NDVI, LiDAR, and EM technology in the classroom	
Dave Capill <i>Toolooa State High School</i>	Creating community connections to develop and deliver quality STEM programs	

DAY 4

SPEAKER	TITLE	CATEGORY
THURSDAY 3 SEPT: 10AM BRISBANE / WED 2 SEPT 8PM NEW YORK		
Dr Greg Cruetsinger <i>Scholar Farms</i>	Rapid-Response Drone Data in an Age of Large Wildfires	
La'Quata Sumter <i>Albany Technical College</i>	STEAM through drones for kids	
Dennis Baldwin / Marisa Vickery <i>Drone Blocks</i>	Learning opportunities with DroneBlocks	
Bruce Fuda <i>Australian Computing Academy</i>	The cybersecurity school challenge	
THURSDAY 3 SEPT: 7PM BRISBANE / 10AM LONDON		
Sakina Turabali <i>Skyqraft</i>	A better Planet using drones and AI	
Christian Janke <i>Embry Riddle Aeronautical University</i>	Drone@home - using small aerial robotic kits as tools in distance education	
Dr Tom Raimondo <i>University of South Australia</i>	Using drones to gamify learning with Project LIVE (Learning through Immersive Virtual Environments)	
Bianca McNeair <i>Northern Agricultural Catchments Council</i>	Indigenous knowledge as science and the contribution of Aboriginal women to science research in Shark Bay	

DAY 5

SPEAKER	TITLE	CATEGORY
FRIDAY 4 SEPT: 10AM BRISBANE / THURS 3 SEPT 8PM NEW YORK		
Dr Gladys West	Q&A with a hidden figure of GPS	
Kashmir Pandolfi <i>Kashmir World Foundation</i>	Why do students need to learn about drones?	
Yumi Morrissey <i>Zilpah Tart</i>	Drone photography meets fashion	
Elise Lorenzo <i>University of Central Florida</i>	Citizen Science GIS and The Maps, Apps, and Drones Tour	
FRIDAY 4 SEPT: 7PM BRISBANE / 10AM LONDON		
Uttam Pudasaini <i>NAXA / Nepal Flying Labs</i>	Drones for social good: A story from the Himalayas	
Laura Mugeha <i>Youth Mappers</i>	YouthMappers: Building a global community of changemakers through open maps	
Corina Manasala <i>Philippines Flying Labs</i>	Smart city GIS: Drone and streetview applications	
Roberta Wilkinson / Matthew Kemp <i>Oxford Univeristy</i>	All the world's a stage: geoscience communication through theatre, story, and song	