

BIALIK COLLEGE TWILIGHT SESSION

TEACHING FOR OUR AI AND ROBOTICS FUTURE

FOR TEACHERS OF PRIMARY—MIDDLE SCHOOLS

We are entering into an ever more data centric world with its output being consumed by Artificial Intelligence (AI) algorithms and self-learning robotics. How can we capture this rapidly evolving technological landscape into our teaching?

In this Twilight Session we will look at how robotics and AI is affecting the world today and the upcoming research that will be affecting the world of tomorrow. The basic ideas behind these technologies will be presented at a level that can be readily shared with students. We will explore the broader impact to Australia of these technologies with a focus on industries like agriculture, mining, manufacturing and disaster recovery. This session will include a presentation and hands-on demonstrations with small drones and robotics.

Come with an open mind to learn about our bright future and leave with a passion to share it with your students. To tailor this session to your professional learning needs, on registration please include questions and specific areas of interest that you would like addressed.

Tuesday 6 August, 4.00pm-5.30pm

(Registration and refreshments from 3.30pm)

Cost: \$20 plus GST

Book Now: www.trybooking.com/BDQLT

Location: Bialik College, 429 Auburn Road, Hawthorn East 3123

For more information contact Caitlin Faiman: faimac@bialik.vic.edu.au

Dr. Airlie Chapman is a Mechatronics lecturer in the Department of Mechanical Engineering at the University of Melbourne (UoM). She is currently director of the UoM Flight Lab and holds a PhD in Aeronautics & Astronautics from the University of Washington.

Her research is in autonomous systems with applications ranging from robotics to aerospace. She has worked on pioneering projects with leading aerospace companies like Boeing, Lockheed Martin and NASA's JPL.

Her robotic and drone work has shown broad appeal with interviews appearing in the Age, Domain, the Herald Sun, Vogue Australia, and on ABC News Breakfast. She is a twice recipient of an Amelia Earhart Fellowship and is currently a L'Oréal-UNESCO For Women in Science Fellow.



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