



2018 RoboSub Tech Talk Schedule

Location: Judges' Building at TRANSDEC

Tuesday, July 31, 2018

TIME	TALK	SPEAKER
12:00PM	<p>Electrical Systems</p> <p><i>Over the years McGill Robotics has iterated through many designs for our electrical system. The talk will cover what we have designed, what worked, what didn't work, and how we fixed it.</i></p>	McGill University
1:00PM	<p>Words of Wisdom</p>	Teledyne Marine
2:00PM	<p>Entrepreneurial Mindset and the 3C's</p> <p><i>The entrepreneurial mindset is a way that anyone can approach a problem or engineering task, while trying to maintain the 3Cs: Curiosity, Connections, and Creating value. This applies your skills in a way that truly matters in the world.</i></p>	Arizona State University
3:00PM	<p>Words of Wisdom: Automation and Autonomy in Unmanned Systems</p>	General Atomics Chen Li Engineering Manager, Automation and Autonomy
4:00PM	<p>Acoustics</p>	National University of Singapore



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Wednesday, August 01, 2018

TIME	TALK	SPEAKER
10:00AM	<p>Control</p> <p><i>How do you control an autonomous underwater vehicle (AUV) using DVL and IMU as feedback sensors? Find out how to use the data collected and how to transform this information in to the submarine global position with the ETS Team.</i></p>	École de Technologie Supérieure
11:00AM	<p>Words of Wisdom: Transitioning from Academia to Industry</p> <p><i>This discussion will focus on key traits and attitudes that will help you succeed in entering and staying in the workforce.</i></p>	General Atomics Heather Reuter Engineering Director, Predator XP
		General Atomics Marjorie Rima Engineering Manager, Project Control, Mechanical Engineering
12:00PM	<p>Machine Vision</p> <p><i>Robust machine vision is an essential part of a reliable autonomous vehicle. CUAUV is excited to share how we approach seeing the environment around us.</i></p>	Cornell University
1:00PM	<p>Words of Wisdom</p>	Northrop Grumman Clark Snodgrass Director of Engineering for Advanced Systems
2:00PM	<p>Simulation</p>	Georgia Tech
4:00PM	<p>Words of Wisdom: Building Robots and Careers with Model-Based Design</p> <p><i>Learn how Model-Based Design can help you with a career in engineering.</i></p>	MathWorks Connell D'Souza Student Competitions Technical Evangelist