



## Welcome to the 2nd Annual MECHFEST 2016—Saturday, August 27<sup>th</sup>, 2016

### FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY

Time	Speaker	Session Title and Short Description
9:30 - 10:00	Registration	
10:00 - 10:15	Kat, Phoebe, Max, Russell	Welcoming Remarks and Introductions
10:15 - 10:45	Craig Maynard	Keynote – Woodie Flowers Award Recipient, FIRST Senior Mentor, FLL Southern Alberta Director, and SAIT Polytechnic Mechatronics Instructor
<b>10:45 - 11:00AM</b>	<b>Break</b>	
11:00 - 12:00	AM Sessions	
	Dr. Magda Pop, Mindfuel	Block 1 GeekStarter Project-based learning in cutting-edge STEM This program offers support to teams of students to work on authentic projects in newly-emerging STEM fields. Explanation of eligibility criteria and details on application process.
	Nadine and Dave Storrier, swatbots@gmail.com	Block 2 Building an Effective FRC Robot with Limited Resources The SWAT Bots will show how their planning process allows their team to best use their resources, develop an effective strategy and also help them resolve conflict while developing a competitive robot.
	Cash Wong, Lead Mentor of the FLL Southern Championship Team and team members.	Block 3 Introducing the team members and sharing their experience from the mentor and team perspectives. Showing off their championship robot.
	Philippe Manseau, FTC Partner from Edmonton	Block 4 FIRST Technical Challenge is the 7-12 level of competition. What is FTC? How do you get started? What are the resource supports. Being a champion at the competition and sharing his experiences.
	Max Kaulback, FIRST Senior Mentor and Student Board members	Block 5 FIRST Summer Project 2016 and Project Management
	Phoebe Arcilla, Regional Director, FIRST Robotics Western Canada	Block 6 RD Update and Off-season Events Grant announcements (FIRST Equity Grant partnership and RD/Argosy Grant) are also included, off-season volunteer assistance and details. More off-season events this year.
<b>12:00 - 1:00PM</b>	<b>Lunch</b>	<b>On your own</b>
1:00 - 2:00	PM Sessions	
	Roy Nielson The FLL Experience – Kids, Robots, and Lego, what could be better?	Block 7 What is First Lego League and why would I want to do it? How are teams formed? What do teams do to prepare for a competition? What are the competitions like? How do you get kids and Lego Robots to change the world?
	Christopher Taggart	Block 8 Solidworks Intro. CAD.
	Sav Sidorov, Captain from Team Apex and FIRST Student Board President	Block 9 Community Team Experience The session will focus on the experiences gained through starting and running a successful FRC Team from registration to the FIRST Championship.
	ATA Team 4334 members	Block 10 The China Experience. Sharing their experience in China. First place alliance winners at the China Invitational this past summer.
	Team 1482 Kyle and Michaela	Block 11 Team Dynamics and High School Team Experience
	Phoebe Arcilla, Regional Director and Katherine McKinnon, CEO	Block 12 Scholarship Fundraising Creation of steering committee and direction for scholarship fundraising and ideas.
<b>1:45 - 2:00PM</b>	<b>Break</b>	
2:00 - 3:30	Creation Cafeteria	All levels demo in Cafeteria (FTC focus) – see what students developed from this past season's competition year.
	Russell Weir and Student Board	Closed meeting – By-laws and governance
	Phoebe Arcilla and Volunteer Coordinators	Closed meeting