

# AGENDA

**AMC Industry Day**  
**University of Waterloo**  
**November 27, 2019**

- 8:30** Registration & light breakfast
- 9:00** Welcoming remarks
- 9:15** Keynote: Armen Bakirtzian, Co-founder & CEO, Intellijoint Surgical

## 9:45 – 10:45 BREAKOUT SESSIONS A & B

### Session A: Automotive (Main Hall)

- 9:45:** Formability & Fracture Prediction for Gen3 AHSS, J. Bowman, President & CEO, Bowman Precision Tooling
- 10:15:** Advanced Forming Process Development, Simulation and AI, Prof. M. Worswick, University of Waterloo

### Session B: Food (Westmount Room)

- 9:45:** Food: Quality Assurance Using Bio-Imaging Techniques, Prof. M. Annamalai, University of Guelph
- 10:15:** Packaging and Processing with Robotics, Q. Martin, Chief Operating Officer, Septimatech

## 10:45 – 11:15 Break

## 11:15 – 12:15 BREAKOUT SESSIONS C & D

### Session C: Mining (Westmount Room)

- 11:15:** Robotics Developments for Mining Applications, J. Ware, General Manager, Research Products, Clearpath Robotics
- 11:45:** Rock Breaking Robot, Prof. M. Zeinali-Ghayeshghorshagh, Laurentian University

### Session D: Construction / Nuclear (Main Hall)

- 11:15:** 3D Construction Printing: Challenges and Opportunities, Prof. A. Khajepour, University of Waterloo
- 11:45:** Robotic Additive Manufacturing for Complex, High-Value Parts, M. Zimny, Founder & CEO, Promotion

## 12:15 – 1:30 Lunch

## 1:30 – 3:30 BREAKOUT SESSIONS E & F

### Session E: Various Sectors (Main Hall)

- 1:30:** Biomedical Implant Technology, Prof. S. Veldhuis, McMaster University
- 2:00:** Modular Integrated Antenna Technologies for Emerging Intelligent Wireless Communication and Sensing, Prof. Safavi-Naeini, University of Waterloo
- 2:30:** Advanced Manufacturing for Cost Reductions in Healthcare, Peter White, ED of Government Relations & Strategic Partnerships, Western University
- 3:00:** Innovation in Resistance Welding for the Automotive Sector, N. Scotchmer, President, Huys Industries

### Session D: Workshop (Westmount Room)

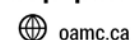
- 1:30:** Additive Manufacturing 101 Workshop
- Principles of Additive Manufacturing with a focus on Metals.
- Presented by Prof. M. Vlasea, Associate Research Director of MSAM, University of Waterloo

## 3:30 Closing Remarks

**4:00 – 5:00** Lab Tours (Optional): Tours of AMC research facilities are available. Directions and shuttle bus information are available at the registration desk.



Keep up to date with AMC:



[oamc.ca](http://oamc.ca)



[twitter.com/ontario\\_amc](https://twitter.com/ontario_amc)



[linkedin.com/company/ontario-amc](https://linkedin.com/company/ontario-amc)