



# CAMP

Center for Advanced  
Materials Processing

## CAMP 2020 Technical Symposium

*“Advanced Materials & Materials Processing”*

Synchronous Presentations on-line:

**Tuesday October 20, 2020**

Asynchronous Presentations by CAMP faculty & students  
available during the week:

**Monday October 19 – Friday October 23, 2020**

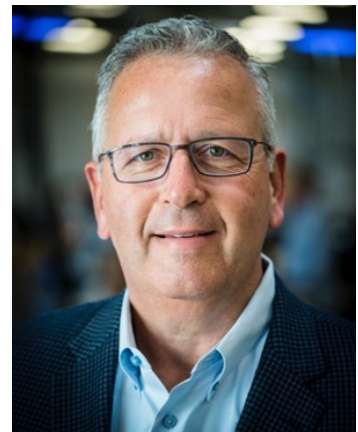
### Keynote speaker:

***Dr. Joseph DeSimone***

Executive Chairman and founder of Carbon 3D  
([carbon3d.com](http://carbon3d.com)).

**Title: *Digital Transformation in Manufacturing***

Dr. DeSimone is a serial entrepreneur, a member of three National Academies: Engineering, Sciences and Medicine, and was awarded the National Medal of Technology and Innovation in 2016.



Visit CAMP website (<http://www.clarkson.edu/camp>) or the  
[Symposium website](#) for agenda and registration details



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Development

Center for Advanced Materials Processing (CAMP)

350 CAMP Building, Clarkson University, Potsdam NY 13699-5665

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### **AGENDA – Live On-line Presentations: Tuesday October 20**

**10:30 – 10:40 Welcome and Introduction Prof. Devon A. Shipp** (CAMP Director)

#### **Technical Area I: Smart Materials & Materials Processing**

**10:40 – 11:05 Prof. Selma Mededovic** *Electrical discharge plasma for wastewater treatment*

**11:05 – 11:30 Prof. Mario Wriedt** *Metal-organic frameworks go industry: a CAMP success story demonstrating the advancement of modern nanoporous materials for industrial applications*

**11:30 – 11:55 Prof. Xiaocun Lu** *Mechanoresponsive Polymeric Materials: Design, Applications, and Beyond*

**11:55 – 12:30** Lunch break

#### **Technical Area II: Additive Manufacturing**

**12:30 – 12:55 Prof. Ajit Achuthan** *Microstructure-informed Structural Design Tools for Additive Manufactured Metals and Alloy Parts*

**12:55 – 1:20 Prof. Cetin Cetinkaya** *Real-time Quality Assurance in Additive Manufacturing with Ultrasound*

**1:20 – 1:30 Keynote Introduction**

**1:30 – 2:30 Keynote: Dr. Joseph DeSimone** *Digital Transformation in Manufacturing*

**2:30 Final Comments & Symposium Close**

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