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).

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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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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