

Cleveland Chapter ASMI Education Symposium “Modeling of Thermal Processes”

Session 1: 7PM-9PM (EST), Tuesday, November 10, 2020

- “CALPHAD,” Dr. Zi Kui Liu, Penn State University and current ASMI President
- “ICME and Future Directions for Material Modeling,” Dr. Steve Arnold, NASA-GRC

Session 2: 7PM-9PM (EST), Thursday, November 12, 2020

- “CFD and Heat Transfer during Quenching,” Andy Banka, Airflow Sciences Corp.
- “Modeling Carburizing and Nitriding Processes for Steel Parts,” Dr. Charlie Li, DANTE Solutions, Inc.

Session 3: 7PM-9PM (EST), Tuesday, November 17, 2020

- “Applications of Thermo-Calc Software,” Dr. Adam Hope, Thermo-Calc Software
- “Induction Hardening & Electromagnetics,” Rob Goldstein, Fluxtrol Inc.

Session 4: 7PM-9:30PM (EST), Tuesday, November 19, 2020

- “Simulating Quench Hardening Processes of Steel Parts,” Justin Sims, DANTE Solutions, Inc.
- “Distortion of Permanent Casting Molds,” Dan Londrigo, DANTE Solutions, Inc.
- “Data Needs for Process Modeling,” Dr. Lesley Frame, UCONN Center for Materials Processing Data

The presentations will be prerecorded, but there will be a live Q&A during the evenings after each presentation, with availability of downloads by people registered for the meeting. Additionally, a certificate for nine PDH educational units is available to attendees who request it. Once registered, a link for the virtual sessions will be emailed. The sessions will be held using RingCentral, a video conferencing and webinar presentation software tool that ASMI uses and makes available for chapter use. We anticipate this to be an extremely pertinent and useful symposium, and invite all interested to join us for this event.

The registration fee is \$80 per person. If paying by credit card, please use the PayPal option during registration. You do not need a PayPal account, as there is an option to checkout as a guest using a credit card. As this is an online event, each person must register separately to receive the RingCentral link to join in. If paying by check, make the check out to **Cleveland Chapter ASMI** and mail to:

Mr. Joe Snyder
Cleveland Chapter ASMI
13530 Fox Den E.
Novelty, OH 44072

To Register...follow the link below:

https://asmcleveland.formstack.com/forms/2020_symposium