

EWI Forming Center Workshop: Advanced Sheet Metal Forming Technology

A Virtual Workshop | October 21-22, 2020

Agenda:

Wednesday, October 21, 2020 from 10:00 AM - 12:00 PM EST

- 10:00 AM - 10:30 AM **Hyunok Kim, EWI**
Applications of the Machine-learning Based Process Control for Sheet Metal Forming
- 10:30 AM - 11:00 AM **Ryan Hahnen and Ben Hoffman, Honda**
Additively Manufactured Forming Tools for Low-volume Production
- 11:00 AM - 11:30 AM **Tom Feister, EWI**
GISSMO Damage Modeling in Forming Simulation
- 11:30 AM - 12:00 PM **Andrei Burnosenka, Magna**
The Challenges of Material Characterization for Production Environment

Thursday, October 22, 2020 from 10:00 AM - 12:00 PM EST

- 10:00 AM - 10:30 AM **Lu Huang, USS**
Global Forming Capacity Index to Depict Global Formability of Sheet Metals
- 10:30 AM - 11:00 AM **Laura Zoller, EWI**
New Advances in Testing Methods for Both Local and Global Formability for GEN3 Steels and Aluminum Alloys
- 11:00 AM - 11:30 AM **Justin Nardone, Figur**
Advancements in Dual Sided Incremental Sheet Forming
- 11:30 AM - 12:00 PM **Jiahui Clare Gu, EWI**
Evaluation of Laser Weld Quality and Formability of the TWB Materials with Different Shearing Methods