

EWI Forming Center Workshop: Advanced Sheet Metal Forming Technology

Columbus, OH | October 8-9, 2019

Agenda:

Tuesday, October 8, 2019

4:00 - 7:00 PM **EWI Laboratory Tour and Welcome Reception** – 1250 Arthur E. Adams Drive, Columbus, OH

Wednesday, October 9, 2019

8:00 - 8:30 AM **Check-in and Continental Breakfast** – Fawcett Center, 2400 Olentangy River Road, Columbus, OH

8:30 - 8:40 AM **Chris Kiminas (EWI, President)** – Welcoming Remarks

8:40 - 9:10 AM **Hyunok Kim (EWI-FC)** – Recent R&D Update on Sheet Metal Forming Technology

9:10 - 9:40 AM **Jim Dykeman (Honda R&D)** – Evolving Test Methods for Sheet Material Fracture Characterization and Prediction

9:40 - 10:10 AM **Paul J. Belanger (GESTAMP)** – Industry 4.0 Implementation in Gestamp Press Hardening Technology: Process Control and Performance Improvement

10:10 - 10:30 AM **Coffee Break / Exhibits / Networking**

10:30 - 11:00 AM **Michael Selent (Selmatec Systems GmbH)** – Supporting Machine Vision Systems for Stamping Process

11:00 - 11:30 AM **Yannis P. Korkolis (The Ohio State University)** – Cup Drawing Using a 3D Servo-Press

11:30 - 12:00 PM **Shrinivas Patil (Aida America)** – Successful Forming of Aluminum and AHSS Using a Mechanical Servo-Press

12:00 - 1:30 PM **Lunch / Exhibits**

1:30 - 2:00 PM **Mehdi Shafiei (Novelis)** – Application of Advanced Technologies in Enhancement of Aluminum Sheet Processing for Automotive Products

2:00 - 2:30 PM **Matt Enloe (CBMM)** – Toward an Understanding of Edge Damage Tolerance in Multiphase Steels

2:30 - 2:55 PM **Clare Gu (EWI-FC)** – Investigation of the High-Speed Shearing to Improve the Sheared Edge Formability

3:10 - 3:35 PM **Laura Zoller (EWI-FC)** – Practical Testing Methods for Evaluating Material Formability

3:35 - 4:00 PM **Tom Feister (EWI-FC)** – Evaluating Various Material Models and FLDs for Stamping Simulations

4:00 PM **Adjournment**

Co-sponsored by:



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