

NADDRG May 20th, 2025 Spring Meeting

Agenda Current as of May 17th

7:30- 8:15 - Breakfast

8:15-8:30: Kick off Meeting, Rules of engagement, NADDRG updates – Sergey Golovashchenko
- NADDRG President

- **8:30-9:00:** Science Based Engineering of the Die Face – Ed Herman, P.E., Creative Concepts
- **9:00-9:30:** Sheared-Edge Safety Factors for Sheet Metal Forming Simulation – Brandon Hance, CBMM North America
- **9:30-10:00:** Pros and Cons of ASTM and ISO test standards for experimental material card preparation – Eren Billur, Billur Metal Form

- **10:00-10:30 Coffee Break**

- **10:30-11:00:** Analysis of contact pressure distribution during sheet metal flow through the die entry radius – Natalia Reinberg, General Motors
- **11:00-11:30:** Process Artefacts and Influence of Friction in Kinematic Hardening Characterization – Lucas Pilozo-Hibbit, University of Waterloo

- **11:30-1:00 Lunch**

- **1:00-1:45:** Investigating the Coupled Effects of Temperature and Strain Rate on Gen III 980 Steel – Trey Leonard, Standard Mechanics, LLC, and Vince Millioto, Martinrea
- **1:45- 2:15:** A Practical Look at Formulating for Success – Jennifer Lunn, FUCHS Lubricants Co.

- **2:15-2:45 Coffee Break**

- **2:45-3:15:** HiVe Assembly of Al Cast and UHSS Components – Tim Skszek - Pacific Northwest Laboratory

Closing remarks and meeting adjournment – Sergey Golovashchenko - NADDRG President