

# NADDRG Spring Meeting: May 1<sup>st</sup>, 2024

## Tentative Agenda

### 7:30- 7:55 - Breakfast

- **7:55-8:00:** Kick off Meeting, Rules of engagement – **Sergey Golovashchenko - NADDRG President**
- **8:00-8:30:** Sensitivity of Springback to Material and Process Parameters: A limited simulation study”- **Kidambi Kannan – Autoform – Invited Speaker**
- **8:30-9:00:** - Practical methods for Predicting and Reducing Springback in Forming AHSS - **Adam Groseclose - General Motors - Invited Speaker**
- **9:00-9:30:** Edge Stretch Performance of Outer Skin 6000 Aluminum in Typical Automotive Blanking Conditions – **Andrey Ilinich - Ford Motor Co - Invited Speaker**
- **9:30-10:00 - Coffee Break**
- **10:00-10:30:** : Improved DP780 hot dip coated material with balanced global and local formability for Next Gen or Complex Designs - **JP Singh, GM, Vasant Pednekar, US Steel - Invited Speaker**
- **10:30- 11:00:** A Holistic Approach to Understanding Local Formability of AHSS - **Eric McCarty -Auto/Steel Partnership**
- **11:00 -11:30:** The Effect That Trim Edge Quality Has on The Feasibility of “Stretch-Flanging” Gen3 AHSS - **Vince Millioto – Martinrea - Invited Speaker**
- **11:30-11:35** – IDDRG 2025 Call for Papers and Updates – **Kester Clarke representative of NADDRG in IDDRG**
- **11:35 -12:30 Lunch**
- **12:30 -1:00** - Influence of boundary condition on sheared edge fracture of a 3<sup>rd</sup> Generation 980 MPa Steel - **Advaith Narayanan -University of Waterloo**
- **1:00 – 1:30:** A Practical Edge Fracture Limit for Advanced High-Strength Steel - **Mike Shih – United States Steel**
- **1:30-2:00 - Coffee Break**
- **2:00 – 2:30:** Simulation of shearing induced edge/interface fracture of HIPed aluminum sheets and edge stretchability of dual phase steels - **Kyoo Sil Choi - Pacific Northwest National Laboratory**
- **2:30- 3:00:** A Preliminary Comprehensive Map for Hole Expansion Ratio (HER) Values in Automotive Steels – **Fadi -Abu-Farha -FADI-AMT LLC**
- Meeting adjourned, closing remarks – **Sergey Golovashchenko - NADDRG Presiden**

## Directions to the venue of the NADDRG Spring Meeting on Tuesday May 1st, 2024

Address:

755 W. Big Beaver Building, Conference Room A (Room Number 232)

Troy, MI 48084

Parking is available around the building, and is free. Park on the North (close to Big Beaver Road), or on the East (by the freeway ramp) sides of the building; avoid parking in labeled / tenant-assigned parking spots.

Come in to the building through the **revolving doors** on the North side, by the 3 flag poles:



Walk past the Security / Reception Desk, and take an elevator on the **right** side of hallway, underneath the sign “Floors 1-14”, to **Floor 2**:



Go **right** after you exit the elevator; walk past two automatic swinging doors, and turn **right** on to the mezzanine walk bridge (before the door to the stairwell).

**Conference Room A (Room 232)** is close to the end of this walk bridge, on your **left**.

