

NADDRG December 5th, 2024, Fall Meeting

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** PHS Production in an EAF Compact Strip Production Mill – Dean Kanelos, Nucor Corporation
- **9:00-9:30** Gen3 Elevated Temperature Testing - Vince Millioto- Martinrea International, Trey Leonard, -Standard Mechanics
- **9:30-10:00** Automation in Stamping Simulation - Steven Sheng, General Motors

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

- **10:30-11:00** Using heat to stamp automotive aluminum parts - Review of published work at GM – Krishna Murali, Invited Speaker
- **11:00-11:30** Manufacturing Feasibility and Hot stamping Technology of Large PHS Bodyside Structures using 1.8GPa Press Hardening Steel – Constantin Chiriac, Ford Motor Co.

- **11:30-12:30 Lunch**

- **12:30-1:00** Review of SMART technologies in stamping - Sergey F. Golovashchenko, Oakland University
- **1:00-1:30** Precise deposition of stamping lubricant using inkjet technology, - Yun Bai, Ford Motor Co

- **1:30-2:00 Coffee Break**

- **2:00- 2:30** Hot Formability of a 7000-Series Automotive Aluminum Alloy Using Nakazima and Marciniak Tests with Rapid Heating - Matthew Hunt, Waterloo Univ.
- **2:30-3:00.** Evaluation and Correction of Friction Models in Equi-Biaxial Stress using Disc Compression. - Kenneth Cheong, Waterloo Univ.

- Meeting adjourned, closing remarks – **Sergey Golovashchenko - NADDRG President**

Schoolcraft College North Parking Lot

SEVEN MILE ROAD

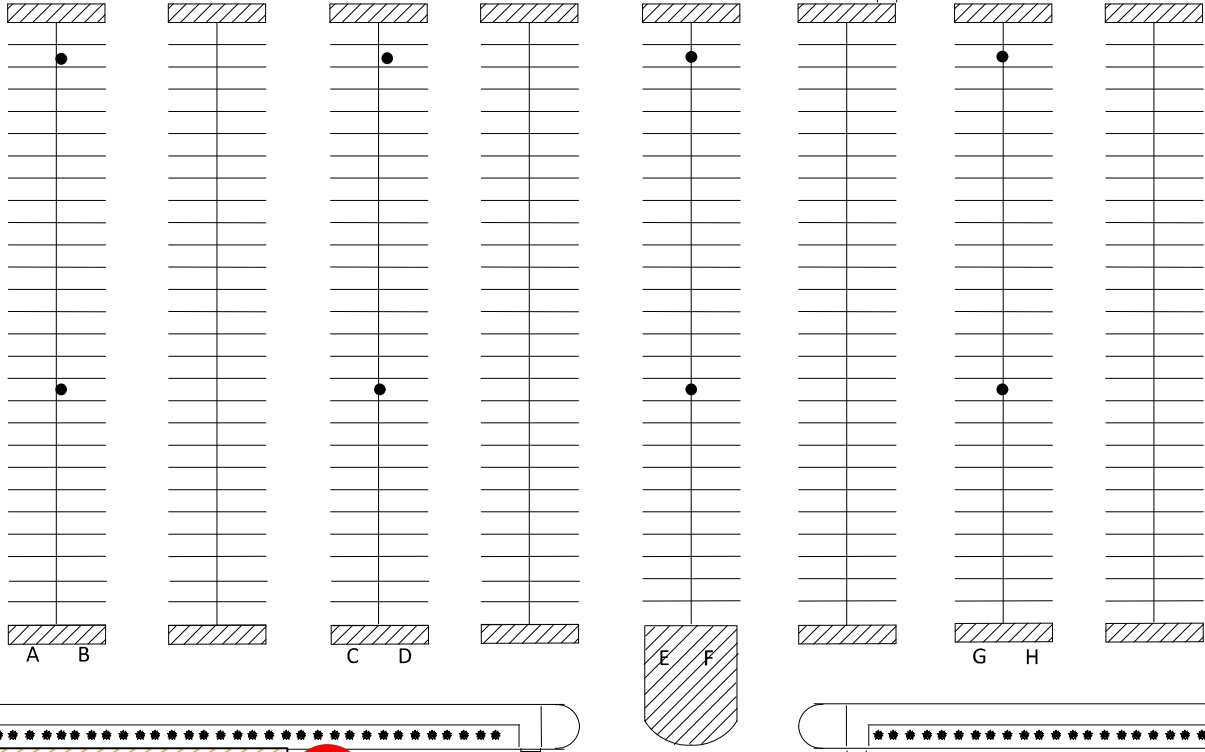
SEVEN MILE ROAD

OPEN

NEPO

ST. JOE'S PARKWAY / VISTATECH DRIVE

HAGGERTY ROAD



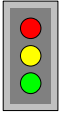
Temporary Road Closure

VISTATECH DRIVE

CHIPPEWA DRIVE

VISTATECH CENTER
ENTRANCE

VisTaTech Guest, Handicap, & Assigned Parking



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