



Conference Program

| Monday, 3 June | |
|----------------|-------------------|
| U Park Hotel | |
| 14:00 - 18:00 | Registration |
| 18:00 - 20:00 | Welcome reception |

| Tuesday, 4 June | |
|-----------------|--|
| 8:15-8:40 | Registration at conference venue |
| Room: Waaier 4 | |
| 8:40-9:10 | Opening by conference chair |
| 9:10-9:50 | Keynote: Beyond simply shaping: Forming 4.0 to control product properties, Prof. Brad Kinsey (University of New Hampshire) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 Room: Waaier 3 |
| 10:05-11:20 | Constitutive modeling Characterization Edge formability Machine Learning & Big data |
| 11:20-11:50 | Coffee break |
| 11:50-12:40 | Constitutive modeling Spring back Edge formability Machine Learning & Big data |
| 12:40-14:00 | Lunch |
| Room: Waaier 4 | |
| 14:00-14:40 | Keynote: How digitalization influences sheet metal forming production solutions and its industry, Dr. Christian Koroschetz (AP&T) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 Room: Waaier 3 |
| 14:45-16:00 | Crystal plasticity Characterization Local formability Tool design |
| 16:00-16:30 | Coffee break |
| 16:30-17:45 | Constitutive modeling Characterization Formability Tool design |

| Wednesday, 5 June | |
|-------------------|---|
| Room: Waaier 4 | |
| 8:30-9:10 | Keynote: Joining by Forming, Prof. Paulo Martins (Técnico Lisboa) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 |
| 9:15-10:30 | Active process control Characterization Formability |
| 10:30-11:00 | coffee break |
| 11:00-12:40 | Active process control Processes Formability |
| 12:40-14:00 | Lunch |
| Room: Waaier 4 | |
| 14:00-14:40 | Keynote: TATA Steel's journey to advanced analytics at scale, Dr. Menno van der Winden (TATA Steel Europe) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 |
| 14:45-16:00 | Simulation of Forming Processes Tribology AI Fracture |
| 16:00-16:30 | Coffee break |
| 16:30-17:45 | Hot/Warm forming AI Tribology cold stamping Crash |
| 18:00-18:45 | Transfer to Bloemenbeek restaurant |
| 19:00-22:00 | Conference banquet |

| Thursday, 6 June | |
|------------------|---|
| Room: Waaier 4 | |
| 8:30-9:10 | Keynote: The potential of machine learning based constitutive modeling, Prof. dr. Dirk Mohr (ETH Zürich) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 |
| 9:15-10:30 | Hot stamping Tribology cold stamping Damage/Fracture |
| 10:30-11:00 | Coffee break |
| 11:00-12:40 | Hot stamping Processes Damage/Fracture |
| 12:40-14:00 | Lunch |
| Room: Waaier 4 | |
| 14:00-14:40 | Keynote: Understanding simulation accuracy, Dr. Bart Carleer (Autoform) |
| | Room: Waaier 1 Room: Waaier 2 Room: Waaier 4 |
| 14:45-16:00 | Warm forming Mg Tribology cold stamping Tool design |
| 16:00-16:20 | Coffee break |
| Room: Waaier 4 | |
| 16:20-16:30 | Closure |
| 16:30-16:45 | IDDRG 2020 presentation |

| Friday, 7 June | |
|-----------------|--|
| Technical Tours | |