

July 19-24, 2020

NUMISHEET 2020

The 12th International Conference and Workshop on
Numerical Simulation of 3D Sheet Metal Forming Processes



**SHERATON
CENTRE
TORONTO HOTEL**

Ontario, Canada

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IMPORTANT DATES

Nov. 11, 2019
Deadline for Abstracts

Dec. 15, 2019
Abstract Deadline
Extension

**January 15-
February 28, 2020**
Benchmark Report
Submission

Feb. 3, 2020
Manuscript Deadline

Mar. 2, 2020
Deadline for Benchmark
Results

The benchmark results must be received by this date since they will be analyzed by the benchmark committee and, accordingly, will be forwarded to appear in the Conference Proceedings.

NUMISHEET inspires a global exchange of intellectual ideas and new technology in the field of sheet metal forming simulations. The 2020 conference takes place in Canada for the first time and features technical and keynote programs, mini-symposia, benchmark applications for comparing numerical predictions of the participants with experimental results, and a cultural excursions program.

TECHNICAL AREAS

- Materials Modeling and Experimental Testing Methods
- Friction and Contact
- Formability, Necking, and Fracture
- Instabilities and Surface Defects
- Fracture and Damage
- Numerical Methods
- Springback
- Incremental Sheet Forming
- Roll Forming
- Innovative Forming Methods
- Product & Process Design and Optimization

BENCHMARK/SIMULATION STUDIES

Two benchmark problems are currently planned: [BM-1] Prediction of necking and fracture for a selected set of complex deformation histories, and [BM-2] Springback prediction of a deep drawn product for a selected set of processing conditions. A third benchmark [BM-3] is anticipated. Details will be announced on the website.

ORGANIZING COMMITTEE/CONTACTS

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- **Jeong Whan Yoon**, Deakin University

ABSTRACT DEADLINE EXTENSION: DECEMBER 15, 2019

www.tms.org/Numisheet2020