

## **Session Program**

**19-22 Jun 2023**



# **42nd International Deep Drawing Research Group Conference - IDDRG 2023**

## ***TESTING, TESTBEDS***

House of Culture, Luleå, Sweden  
Skeppsbrogatan 17, 972 31 Luleå, Sweden

## Wednesday 21 June

10:40

### TESTING, TESTBEDS

**Session** | **Location:** Kulturens hus Luleå, 2. Världsarvet/ Hägnan | **Convener:** Krishnaiyengar Narasimhan

10:40–11:00

#### Cruciform tension-shear test for sheet metal and application to material modeling of mild steel sheet

**Speaker**

Mr Sota Sato

11:00–11:20

#### Optimised parametrisation of the MMC failure model using acoustic emission and FE analysis

**Speaker**

Eugen Stockburger

11:20–11:40

#### Fracture toughness to assess the effect of trimming on the fatigue behaviour of high-strength steels for chassis parts

**Speaker**

Sergi Parareda

11:40–12:00

#### Innovative experimental setup for the investigation of material models with regard to strain hardening behavior

**Speaker**

Lorenz Maier

12:20

13:20

### TESTING, TESTBEDS

**Session** | **Location:** Kulturens hus Luleå, 2. Världsarvet/ Hägnan | **Convener:** Eiji Iizuka

13:20–13:40

#### A uniform method for the characterization of shear fracture strain for high-strength steel sheets under quasi-static and crash loading

**Speaker**

Silke Klitschke

13:40–14:00

#### Bendability assessment of advanced high strength steels thanks to artificial neural networks

**Speaker**

Mihaela Teaca

14:00–14:20

#### EXPERIMENTAL CHARACTERIZATION OF FORMING BEHAVIOR OF 3rd GEN AHSS

**Speaker**

Mrs Elise Champolivier

14:20