

# 29

## Monday

8:30AM-9:00AM

### REGISTRATION

Front entrance.

9:00AM-9:30AM

### WELCOMING

Dr. Leonard Wanigasooriya - DSI Europe GmbH  
James Papa - Dynamic Systems Inc.  
Thorsten Kimpel - DSI Europe GmbH

9:30AM-10.00AM

### WELDABILITY TESTING OF SUPPERALLOYS: LESSONS LEARNED AND FUTURE ADVENTURES

**Prof. Joel Anderson**

University West - Welding Technology Division

CHAIR PERSON  
Prof. Farid Akhtar

10:00AM-10:30AM

### AN EXPERIMENTAL INVESTIGATION OF THE BEHAVIOUR OF MATERIALS USING GLEEBLE THERMAL-MECHANICAL SIMULATOR AT HIGH TEMPERATURE RANGE

**Prof. Łukasz Poloczek**

Łukasiewicz Research Network - Upper Silesian Institute of Technology

CHAIR PERSON  
Prof. Farid Akhtar

10:30AM-10:50AM

### COFFEE BREAK

10:50AM-11:20AM

### UTILIZING THE GLEEBLE 3800 THERMO-MECHANICAL SIMULATOR FOR INTERFACIAL HEAT TRANSFER COEFFICIENT (IHTC) DETERMINATION IN HOT STAMPING PROCESSES

**Dr. Liliang Wang**

Imperial College London - Faculty of Engineering, Department of Mechanical Engineering

CHAIR PERSON  
Prof. Farid Akhtar

11:20AM-11:50AM

### USING HDS-V40 TO DEVELOP SMART ALLOY MANUFACTURING.

**Asst. Prof. Carl Slater**

University of Warwick - WMG

CHAIR PERSON  
Prof. Farid Akhtar

12:00AM-12:50PM

### LUNCH BREAK

12:50PM-13:20PM

### DETERMINATION OF HIGH-TEMPERATURE DEFORMATION BEHAVIOR AND PROPERTIES OF CERAMICS AND HIGH-ENTROPY MATERIALS ON GLEEBLE 3800

**Prof. Farid Akhtar**

Luleå University of Technology - Department of Engineering Sciences and Mathematics

CHAIR PERSON  
Dr. Liliang Wang

# 29

## Monday

13:20PM-13:50PM

**NEW TESTING FEATURES FOR ONE OF THE MOST COMMON MCU's OF GLEEBLE:  
OPTICALLY TRACKED TENSILE- AND 3-POINT BENDING TEST ON POCKET JAW**

**Dr. Peter Berezcki**

University of Dunaujvaros /Arconic

CHAIR PERSON  
Dr. Liliang Wang

13:50PM-14:20PM

**INSIGHTS INTO GLEEBLE + LUMET APPLICATIONS FROM THE PERSPECTIVE OF A STEEL  
MANUFACTURER FOR SHEET METAL PRODUCTS**

**Dr. Christian Hoflehner**

voestalpine Stahl GmbH - Linz

CHAIR PERSON  
Dr. Liliang Wang

14:20PM-14:50PM

**STRIP SHEET UPSET BUTT WELDING USING GLEEBLE THERMOMECHANICAL SIMULATOR**

**Dr. Jarosław Opara**

Łukasiewicz Research Network - Upper Silesian Institute of Technology

CHAIR PERSON  
Dr. Liliang Wang

14:50PM-15:15PM

**COFFEE BREAK**

15:15 PM-15:45PM

**OPTICAL 3D MEASUREMENT TECHNOLOGY FOR STRAIN AND DISPLACEMENT  
DETERMINATION**

**Mr. Gunter Sanow**

Carl Zeiss GOM Metrology GmbH

CHAIR PERSON  
Dr. Leonard Wanigasooriya

15:45PM-16:15PM

**GLEEBLE - KEY INNOVATIVE OPTIONS AND ACCESSORIES**

**Mr. David Jacon**

Dynamic Systems Inc.

CHAIR PERSON  
Dr. Leonard Wanigasooriya

16:30PM-17:30PM

**G-TEC LAUNCH & GLEEBLE DEMONSTRATIONS**

**Mr. James Papa** - Dynamic Systems Inc.

**Mr. Thorsten Kimpel** - DSI Europe GmbH

**Mr. Gunter Sanow & Mr.** - Carl Zeiss GOM Metrology GmbH

**Mr. Dan Mckay** - Dynamic Systems Inc.

**Mr. Andrei Seregin & Mr. Almir Kapetanovic** - DSI Europe GmbH

**PRESENTATION - HANSA-FLEX**

**Mr. Felix Marschner**

17.30PM-

**NETWORKING EVENT**

**Venue - Rösternest**

# 30 Tuesday

08:30AM-09:00AM **PHYSICAL SIMULATIONS OF BIMETALLIC SOLID/LIQUID INTERFACES**

**Prof. Yoni Adonyi**  
University West - Division of Mechanical engineering

CHAIR PERSON  
Prof. Joel Anderson

09:00AM-09:30AM **SPECIAL APPLICATIONS WITH GLEEBLE 3800 TORSION MODULE AT IFU STUTTGART**

**Dr. Karl Goetzinger**  
University of Stuttgart - Institute for Metal Forming Technology

CHAIR PERSON  
Prof. Joel Anderson

09:30AM-10:00AM **INSTRUMENTATION OF THE DUCTILITY DIP CRACKING IN NOREMO2**

**Dr. Maëlle Moor**  
INSA de Lyon

CHAIR PERSON  
Prof. Joel Anderson

10:00AM-10:20AM **COFFEE BREAK**

10:20AM-10:50AM **INSIGHTS INTO HOT, COLD AND REVERSE TORSION TESTING OF STEELS WITH THE GLEEBLE**

**Dr. Phillip Haslberger**  
voestalpine Donawitz GmbH

CHAIR PERSON  
Asst. Prof. Carl Slater

10:50AM-11:20AM **ADDONS FOR ISO-T COMPRESSION TESTING: CAMERA INSTALLATION FOR MEASURING THE BULGE DIAMETER AND A GLEEBLE-CONTROLLED PISTON-SETUP TO PUSH COMPRESSED SPECIMEN INTO A QUENCH-CONTAINER.**

**Dr. Martin Fuchs**

Fraunhofer Institute for Mechanics of Materials IWM

CHAIR PERSON  
Asst. Prof. Carl Slater

11:20AM-11:50AM **ON THE CHALLENGES OF INVESTIGATING LME UNDER RESISTANCE SPOT WELDING CONDITIONS USING A GLEEBLE 3500**

**M.Sc. Vincent Schreiber**

Otto-von-Guericke-Universität Magdeburg - IWF

CHAIR PERSON  
Asst. Prof. Carl Slater

11:50AM-12:30PM **CLOSING REMARKS & AUDIENCE Q&A WITH DSI PANEL**

**Mr. James Papa, Mr. David Jacon, Mr. Dan Mckay, Dr. Fulvio Siciliano, Dr. Wanigasooriya**  
Dynamic Systems Inc. & DSI Europe GmbH

12:30PM-13:00PM **LUNCH BREAK**

13:00PM **USER GROUP MEETING END**

# Logistics

### REGISTRATION

#### **FRONT ENTRANCE AT VON-HELMHOLTZ-STR. 1**

From 08:30AM to 09:00AM on 29th of April 2024

### PRESENTER SESSIONS

#### **20-25 MINUTE PRESENTATION & 5-10 MINUTE Q&A**

(30 Minutes total allocated time)

### COFFEE BREAKS, LUNCH & NETWORKING EVENT

#### **PROVIDED AT THE VENUE**

Morning & Afternoon Coffee Breaks - 15-20 minutes,  
Lunch - 30 min-1 hour, on both days of the User Group Meeting  
Networking Event - Monday, 29th of April 17:30PM

### G-TEC LAUNCH

#### **MONDAY, 29TH OF APRIL**

16:30PM

Attendees will be directed to the G-TEC facility.

### VENUE

#### **RÖSTERNEST**

Von-Helmholtz-Str. 1, 89257 Illertissen  
<https://roesternest.de/location/>

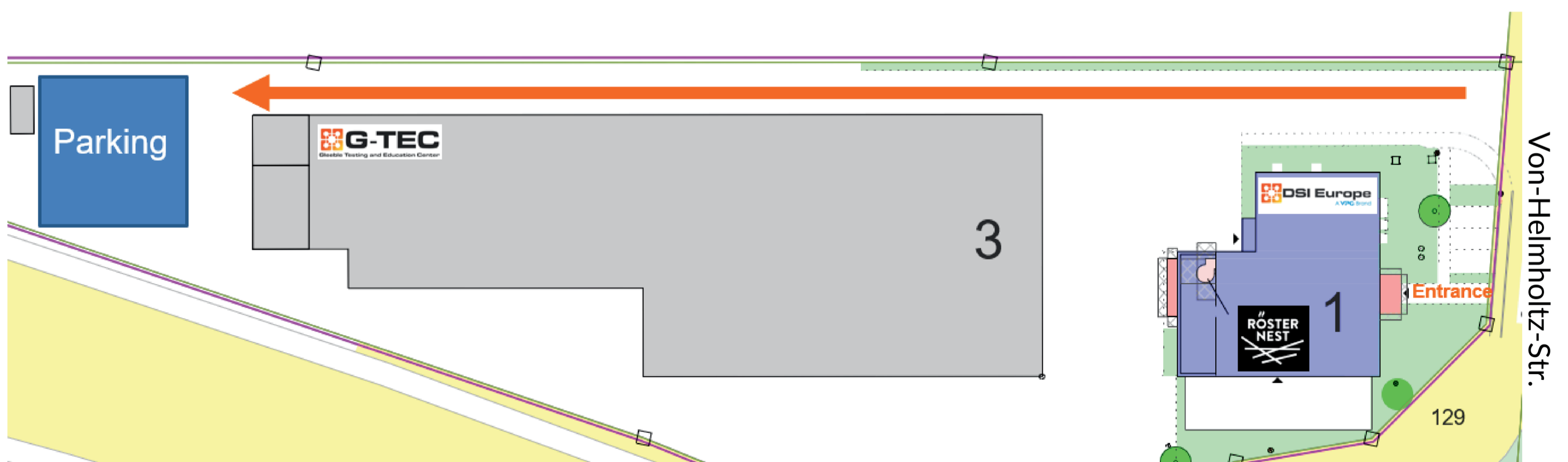
### PARKING

#### **RESERVED PARKING ON SITE**

See allocated reserved parking space for Attendees.

### RESTROOMS

Restrooms available on ground floor and downstairs.





**GLEEBLE**®

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**USER GROUP MEETING**

**29+30 APRIL 2024**



**DSI Europe**

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**G-TEC**

**Gleeble Testing and Education Center**