

THURSDAY, 18 SEPTEMBER

see the detailed
programme



FRIDAY, 19 SEPTEMBER

see the detailed
programme



10:00 – 10:40
in English

Closing the Loop:
KONIK and the Future of Circular Wire Packaging
Martina Confortin, Spazzolplastica S.R.L.

10:45 – 11:25
in German

Smart Welding, Smart Cutting, Smart Future:
How XFLARE is revolutionising metalworking
Andreas Fleischner & Patrick Fischer,
Xtraction GmbH

11:30 – 12:10
in English

Torch to Tech:
The Rise of Welding Automation in Europe
Simone Schlüter & Will Healy, Universal Robots

12:15 – 12:55
in English

From Vision to Precision:
The Future of AI Weld Inspection
Wilbert van de Ridder, AWL-Techniek B.V.

13:30 – 14:10
in German

PANEL DISCUSSION
From step-controlled devices to high-tech inverters: Welding equipment between progress and challenge
Peter Fronius, Fronius International GmbH
Dr. Erwan Siewert, EWM GmbH
Andreas Stalp, Carl Cloos Schweisstechnik GmbH
Matthias Wulf, Einfach Schweissen-Podcast

14:15 – 14:55
in German

QNECT as a digital platform for the product life cycle
Moritz Paul, Carl Cloos Schweisstechnik GmbH

15:00 – 15:40
in English

Transforming Spot Welding from Planning to Production with Simulation, Optimization and Digital Twins
Wenqi Zhang, SWANTEC Software and Engineering ApS

15:45 – 16:25
in English

Ensuring quality despite a shortage of skilled workers: Rethinking successful welding
Stanislav Wiens, EWM GmbH

10:00 – 10:40
in English

Rethinking TIG Welding:
Unlocking Untapped Potential
Matthias Schaffitz, Gesellschaft für Wolfram Industrie mbH

10:45 – 11:25
in English

Handheld laser welding reimaged:
How new technologies are pushing boundaries – and redefining security
Steffen Köhnlein, MaxPhotonics GmbH

11:30 – 12:10
in German

Automatic robot programming (ARP) in consideration of the challenges of today's manufacturing tasks
Jörg Gerlitzki, Valk Welding Deutschland GmbH

12:15 – 12:55
in English

Basic Characteristics of Synchronized Stir Welding "SSW" and its prospects for Next Generation Friction Stir Welding Technologies
Shinnosuke Kuida, Keihin Ramtech Co., Ltd.

TRADE FAIR MAP



HALL 7
FUTURE HUB
HALLS 1 – 5 and Galeria
WELDING

HALLS 6 – 8
CUTTING

IN ALL HALLS

Surface technology, heat treatment,
gas, operating and filler materials,
equipment, safety, health,
quality assurance, services, digitalisation

POWERED BY SCHWEISSEN & SCHNEIDEN
INTERNATIONAL TRADE FAIR
JOINING • CUTTING • SURFACING

FUTURE HUB

PROGRAMME

SEPTEMBER 15 – 19, 2025

STAND 7G13

www.schweissen-schneiden.com



GERMAN WELDING
SOCIETY

MESSE
ESSEN

MONDAY, 15 SEPTEMBER

see the detailed
programme



TUESDAY, 16 SEPTEMBER

see the detailed
programme



WEDNESDAY, 17 SEPTEMBER

see the detailed
programme



10:00 – 10:40
in English

**Unlocking Cutting-Edge Performance:
The Competitive Edge of Integrated Fiber Laser
and Cutting Head Packages**
Jeff Franks, Coherent Inc.

10:45 – 11:25
in German

**Resource-efficient wear protection through
additive manufactured coatings made of
Metal-Matrix-Composites (MMCs)**
Clemens Müller, RWTH Aachen University

11:30 – 12:10

Siegmund unveils a global innovation
Bernd Siegmund GmbH

13:30 – 14:10
in English

**From Waste to Wealth: Recycling of Scrap metals
and their applications to Welding Raw Materials**
Mayank Agarwar, AIM Alloys LLP

14:15 – 14:55
in English

**PANEL DISCUSSION
Geopolitics and Welding Supply Chains:
A Global Perspective**
Mayank Agarwar, AIM Alloys LLP,
Juraj Haruštiak, AHK Slowakei,
Will Healy, Universal Robots,
Jason Sun, MaxPhotonics GmbH

CONNECTING CONTINENTS

15:00 – 15:20
in French
with English
translation

**Metallurgical, mechanical and
electromechanical industries: Development
opportunities for Morocco and Africa**
Abdesslam Halouani, FIMME

15:25 – 15:45
in English

**Brazil in the world of welding: Synergies,
bridges and opportunities**
Fernando Lescovar Neto, ABS

15:50 – 16:10
in English

**China and Europe: A Synergistic Partnership
in Welding & Manufacturing – Mutual Gains,
Shared Growth**
Yunfei Gao, Shandong JULI Welding Co., Ltd

16:15 – 16:35
in English

**Forging Connections: Slovakia's Metallurgical,
Mechanical & Electromechanical Industries –
Welding, Cutting and Surface Opportunities**
Juraj Haruštiak, AHK Slowakei

10:00 – 10:40
in English

**Connected Welding:
Seamless Integration for Quality and Efficiency**
Joachim Böck, Fronius International GmbH

10:45 – 11:25
in English

**Multi-sensor process monitoring – potential for
quality prediction in laser manufacturing**
Dr. Benjamin Keßler, Fraunhofer IWS

11:30 – 12:10
in English

Innovative materials for thermal coating
Dr. Benedikt Allebrodt, Durum Verschleißschutz GmbH

12:15 – 12:55
in German

**Networked welding fume sensors:
Making hidden dangers visible and saving energy**
Samuel Mann, Welded.io UG

13:30 – 14:10
in German

**IndustryFusion-X: The open path to the
digital factory – practice-oriented, secure
and manufacturer-independent**
Fabio Oettl, IndustryFusion Foundation

14:15 – 14:55
in German

Risk prevention through LAN analysis
Frank R. Walther, Synapse Networks GmbH

15:00 – 15:40
in English

**Welding camera as a tool for interactive and
iterative learning: Towards analytical and evolving
welding skills**
Juha Ensio Kauhanen, Cavitar Ltd., Savo Vocational
College in Finland

15:45 – 16:25
in German

**Smart Welding, Smart Cutting, Smart Future:
How XFLARE is revolutionising metalworking**
Andreas Fleischner & Patrick Fischer,
Xtraction GmbH

10:00 – 10:40
in English

**Extremely Dynamic Laser Cutting System for
Complex Contours (EDcut) – Customized Solution
Adapted to Cutting Task Requirements**
Dr. Madlen Borkmann, Fraunhofer IWS

10:45 – 11:25
in English

**PANEL DISCUSSION
From Precision to Power: Expert Insights on
Modern Cutting Technologies**
Dr. Madlen Borkmann, Fraunhofer IWS
Ján Flaškár, Microstep, spol. s r.o.
Kurt Nachbargauer, IHT Automation GmbH & Co. KG
Dr. Michael Schnick, Kjellberg Finsterwalde
Plasma und Maschinen GmbH

11:30 – 12:10
in English

**Digital Transformation in Welding and Cutting:
Unlocking Efficiency, Safety and Transparency
with Smart Dust Collection Systems**
Jacqueline Hertig, Nederman GmbH

12:15 – 12:55
in German

**The [magic] triangle of welding technology –
three goals in one process: Efficiency,
time savings and quality**
Max Lautenbach, EWM GmbH

13:30 – 14:10
in German

**Resource-efficient wear protection through
additive manufactured coatings made of metal
matrix composites (MMCs)**
Clemens Müller, RWTH Aachen University

14:15 – 14:55
in German

**Digitalization in welding technology:
Opportunities and benefits for SMEs**
Jan Pitzer, PiWeCo GmbH & Co. KG

START-UP PITCHES AT THE FUTURE HUB

15:00 – 15:15
in German

ALPAKA GmbH & Co. KG
Bernhard Hahner

15:20 – 15:35
in English

WELDNova GmbH
Christian Brunner-Schwer

15:40 – 15:55
in German

Dustlight GmbH
Till Neumeier

16:00 – 16:20
in English

RB-Ware Inc.
Can Berk Sansoy