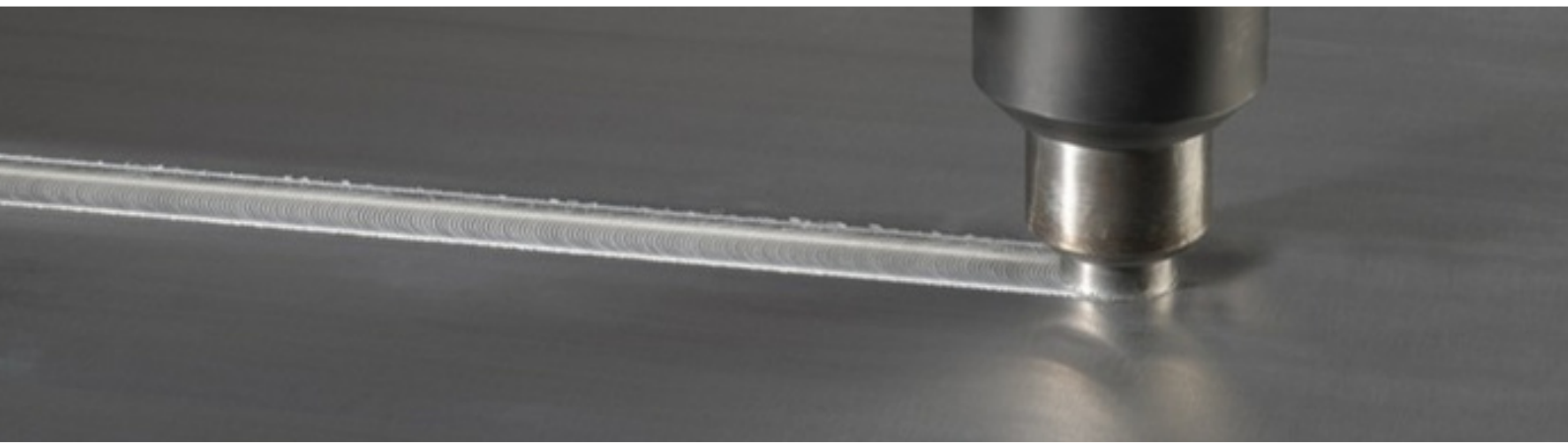




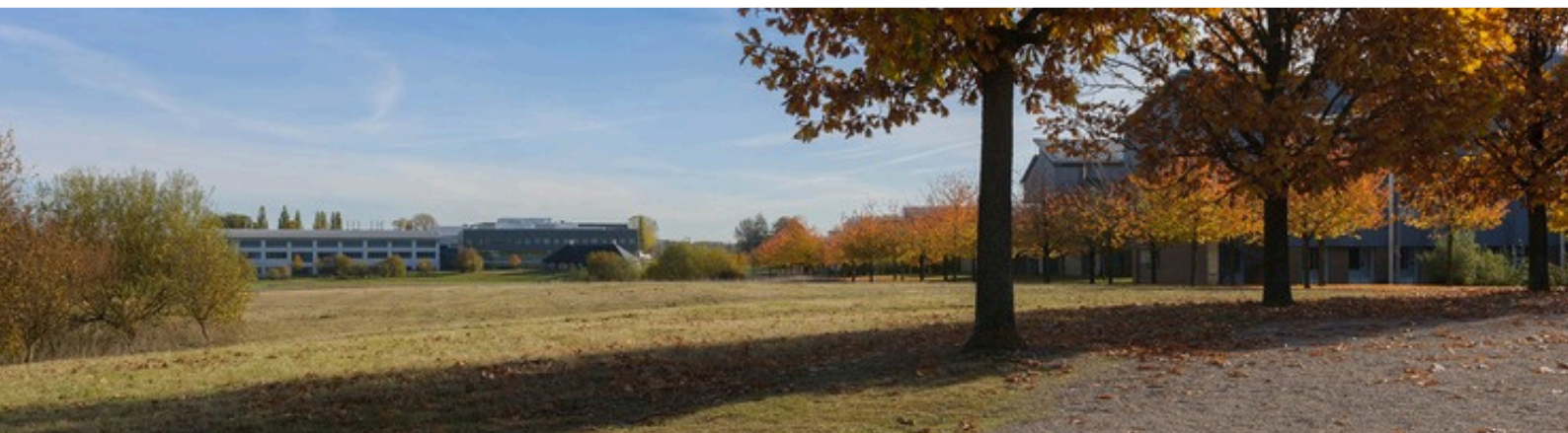
IFWC

International Friction Welding Conference

TWI, GRANTA PARK | 19-22 MAY 2026



The
Welding
Institute



TWI: UNLOCKING THE FULL POTENTIAL OF FRICTION WELDING

TWI is a global leader in friction welding innovation, offering end-to-end expertise that supports organisations from concept through production

What TWI Delivers:

- Process development for advanced joining challenges
- Design for manufacture to optimise production
- Bespoke tooling solutions
- Pre- and post-weld machining
- Qualification and certification support
- Benchmarking and performance evaluation
- Short production runs
- Training and technology transfer

Why Organisations Choose TWI:

- Proven, long-standing expertise in friction technologies
- Inventors and global pioneers in multiple welding processes
- Independent, impartial support across the project lifecycle
- Diverse friction welding capabilities
- Commitment to technical excellence

Core Friction

Capabilities:

- Friction Stir Welding (FSW)
- Rotary Friction Welding (RFW)
- Linear Friction Welding (LFW)
- Additive Friction Stir Welding
- Friction Stir Channeling
- CoreFlow™
- Friction surfacing & processing

Enabling Technical

Capabilities:

- Non-destructive testing
- Numerical modelling
- Mechanical testing
- Microstructural analysis
- Machining

FOR MORE INFORMATION, PLEASE CONTACT US AT FRICION@TWI.CO.UK.



Welcome



International Friction Welding Conference

On behalf of the organising committee, we are pleased to welcome you to the International Friction Welding Conference (IFWC) 2026.

For some time, we have felt that there should be an opportunity to gather the global, cross-discipline, friction welding and processing community together in one place. Bringing together the 14th International Symposium on Friction Stir Welding and the 6th International Symposium on Linear Friction Welding and expanding the conference scope enables connection across the full spectrum of friction welding and processing technologies.

Technical expertise remains at the heart of the programme, but we also have aimed to enable networking opportunities and practical cross-disciplinary exchange. Whether it be during the panel discussions, at the social dinner at Duxford Air Museum on Wednesday evening, or over a shared coffee or lunches, we have provided time for colleagues from established and emerging areas to connect and compare approaches. Please take time to review the session schedule, visit the exhibit area, and connect with fellow attendees. Your participation is what drives the success of the conference.

TWI has long been at the forefront of development of friction welding, and we are proud to host IFWC 2026 at TWI's headquarters at Granta Park near Cambridge, the birthplace of friction stir welding. If you would like to know more about the current developments and equipment on site across the TWI welding, joining, materials and testing portfolio please join us for the tours and demonstrations on Friday morning.

We would like to thank TWI Ltd for making this event possible and would also like to extend our gratitude to our sponsors for their valued support, without whom we would not continue to have the opportunity to bring together this global community. We also extend our thanks to the exhibitors, authors, reviewers and session chairs whose contributions made this programme possible. We wish you a productive and rewarding experience and that you will leave with clear value, new insights and ideas.

Kate, Jonathan, Becki and Sam
(Organising Committee)

International Friction Welding Conference 2026



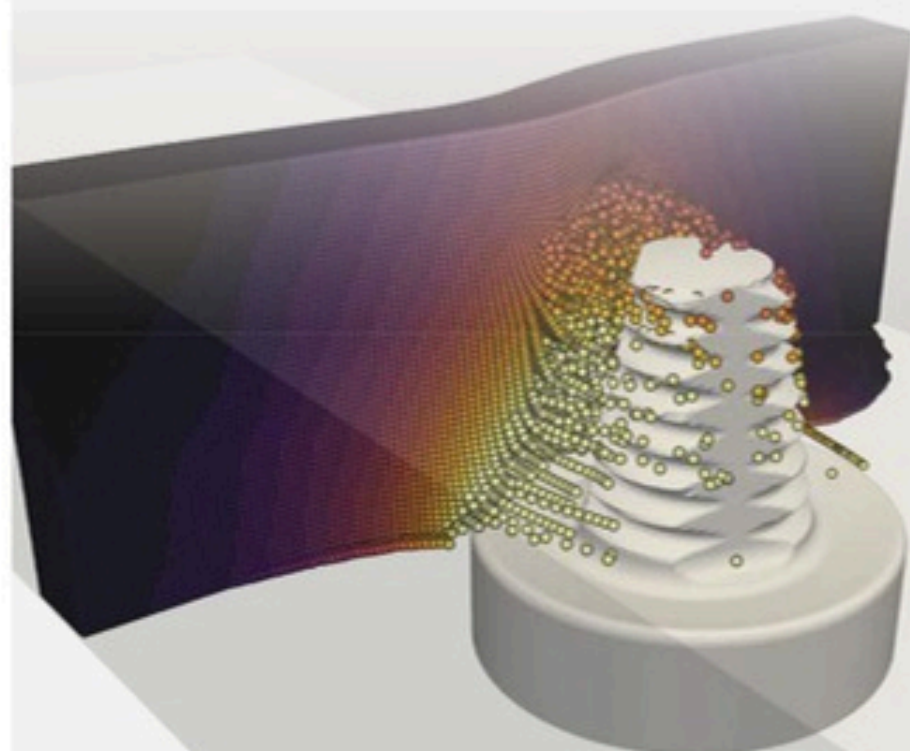


Your Digital Twin for FSW Optimization



Learn more at: www.WeldPilot.tech

WeldPilot is an advanced HPC simulation platform for FSW, enabling high-fidelity digital twins to optimize processes and ensure defect-free joints.



APPLICATIONS



Naval and shipbuilding components



Automotive welding optimization



Manufacturing with advanced materials



Aerospace structural joints

Accelerate FSW Optimization with High-Fidelity Digital Twins



Rapid, accurate FSW simulation



Improved quality and defect reduction



Digital twin-ready process optimization



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🌐 www.WeldPilot.tech

Developed by CIMNE, brought to you by Compass.



International Friction Welding Conference

Programme Summary

Day 1 Tuesday 19th May

Lecture Room 1

Lecture Room 2

08:00	Registration & Coffee	
09:30	IFWC Welcome	
10:50	Networking & Refreshments	
11:10	Friction Stir Welding: Transport Applications	Linear Friction Welding: Weld Properties
13:00	Lunch	
14:00	Friction Stir Welding: Numerical Modelling	Additive Friction Stir Deposition: Aluminium Alloys
15:20	Poster Session, Networking & Refreshments	
15:40	Friction Stir Welding: High Temperature Materials	Friction Welding: Process Monitoring & Control

Day 2 Wednesday 20th May

Lecture Room 1

Lecture Room 2

08:30	Arrival	
08:40	Opening Day 2 & Announcements	
08:50	Friction Stir Welding: Opportunities & Challenges	
10:00	Networking & Refreshments	
10:20	Friction Stir Welding: Industrialisation 1	Linear Friction Welding: Opportunities & Challenges
11:20	Networking & Refreshments	
11:50	Friction Stir Welding: Industrialisation 2	Friction Welding: Modelling & Weld Performance
13:10	Lunch	
14:10	Friction Stir Spot & Lap Welding	Rotary Friction Welding: Weld Properties
15:30	Poster Session, Networking & Refreshments	
16:00	Friction Stir Welding: Quality Control	Friction Welding In-Process Monitoring
17:00	Poster Session, Networking & Refreshments	
18:15	Transport to Duxford	
19:00	Social Event at Duxford	

DAY 3 THURSDAY 21ST MAY

Lecture Room 1

Lecture Room 2

09:00	Arrival	
09:15	Opening Day 3 & Announcements	
09:30	Friction Stir Welding: A Review of Standards	
10:30	Networking & Refreshments	
10:50	Friction Stir Welding: Thermal Modelling	Friction Processes & Variants
12:10	Lunch	
13:10	Friction Stir Welding: Steel	Novel Additive Friction Processes
14:40	Poster Session, Networking & Refreshments	
15:00	Friction Stir Welding: Weld Properties	Additive Friction Stir Deposition: High Temperature Materials
16:00	Close & Awards	



Programme Day 1 | Lecture Room 1

Tuesday 19th May



International Friction Welding Conference Welcome

09:30	Introduction to Day 1	Kate Franklin	TWI
09:40	Welcome and Opening Remarks	Caroline Gumble	TWI
09:50	Enabling Tomorrow's Missions: European Progress in Friction Stir Welding	Joao Gandra	European Space Agency
10:20	Additive Friction Stir Deposition Development for Aerospace	Scott Rose	Boeing

Friction Stir Welding: Transport Applications

11:10	Bobbin-Tool Friction Stir Welding of Aircraft Fuselage Structures: A Boost in Performance and Robustness	Axel Jahn	Fraunhofer
11:30	Friction Stir Welding of Pressure Vessels for Road Transportation	Paula Danninger	Technical University Munich
11:50	Series production for railroad applications – thick-walled, highly loaded and complex aluminium structures	Axel Meyer	RIFTEC GmbH
12:20	New developments of environmentally friendly fuel storage vessels using Friction Stir Welding Processes	Luciano Bergmann	Helmholtz Zentrum Hereon
12:40	⚡ Environmental durability of Al FSW joints for battery packs	Rodrigo Coelho	INEGI
	⚡ Advanced hydrogen storage solutions using FSW	Elizabeth Hoyos	TWI
	⚡ Forming tank baffles using Corner SSFSW	Emily Davison	TWI

Friction Stir Welding: Numerical Modelling

14:00	Material Point Method simulation of Elasto-Plastic Material Flow in FSW – Part 2	Henrik Schmidt	HBS Engineering ApS
14:20	Numerical Investigation of Tool Geometry in FSW of Al Alloy Using the Smoothed Particle Hydrodynamics Method	Ishan Anjana Kilituwa Gamage	University of Stuttgart
14:40	Development and numerical simulation of SSFSW, more particularly robotic SSFSW.	Tanguy Fajwisiewicz	Institute Maupertuis
15:00	⚡ Investigation of Defect Formation and Joint Integrity in FSW Using Smoothed Particle Hydrodynamics	Rodolfo Pimentel	University of Stuttgart

Friction Stir Welding: High Temperature Materials

15:40	Advancements in Friction Stir Welding of Copper Using Diamond Tooling	Dale Fleck	Mazak MegaStir
16:00	High-Speed-FSW for copper alloys	Stefan Fortmüller	Stirtec
16:20	Fixed-bobin FSW of 20mm copper plate: Process window development and spindle torque limitation	Jeroen Debacker	Stirlight
16:40	Dissimilar Joining of Al and Cu alloys using FSW	Dongsheng Li	AM Energization
17:00	⚡ Robotic FSW of Titanium Lap Joints	Jonathan Martin	TWI

Linear Friction Welding : Weld Properties

11:10	Low-Temperature LFW of Newly Developed $\alpha+\beta$ -type Ti-5Al-2Fe-3Mo Alloy	Yasuhiro Aoki	JWRI, The University of Osaka
11:30	Dissimilar LFW of Tailored Recycled Titanium Billets	Martin Jackson	University of Sheffield
11:50	LFW of gamma-prime (γ') strengthened Haynes 282 Ni superalloy	Abhishek Sharma	JWRI, The University of Osaka
12:20	Solid-State Bonding Mechanism and Flash Evolution in LFW of AD730™ and SLM IN 718 Superalloys	Parisa Darvishmotevally	École de Technologie Supérieure (ÉTS)
12:40	AI-driven Microstructure Characterization of LFW Titanium Joints	Nik Schwichtenberg	Technical University of Munich

Additive Friction Stir Deposition : Aluminium Alloys

14:00	Breakthrough in AM:3-D Printing Aluminum at over 100-lbs/hr via AFSD	Michael Eff	EWI
14:20	AFSD of AA7075: Influence of the Deposition Process Parameters on Microstructure and Macrostructural Features	Stefan Böhm	University of Kassel
14:40	Microstructural Features of Multi-Layer Friction Stir Deposited AA7075 T6 Al Alloy	Antonio Monaco da Silva	Lortek S.Coop.
15:00	⚡ A review on AFSD: process mechanics, key parameters, mechanical characterisation and further research opportunities	Shalin Marathe	M S University Baroda Gujarat

Friction Welding : Process Monitoring & Control

15:40	Industrialisation of Hydraulic LFW in Aerospace	Stephan Kallee	AluStir
16:00	Introduction to LFW machine design and control	Nicolas Piolle	ACB
16:20	Low Force Friction Welding and the FRA CRISI Program	Simon Jones	MTI
16:40	Experimental & Modelling Approaches for Machine Efficiency & Bearing Dynamics in IFW Systems	Gihad Karrar	University of Nottingham
17:00	⚡ Joining Metal w/ NO HAZ. NO Fusion Line. The Next Generation	Paul Cheng	FuseRing Inc.

Stirweld: your partner for your FSW projects

Friction Stir Welding (FSW) is a solution that makes it possible to join complex and lightweight materials while maintaining better mechanical properties than other welding methods. It is easily integrable into an industrial process, repeatable and robust.

At Stirweld, our goal is to democratize FSW, making it accessible for everyone!

Why choose FSW for the assembly of your parts?



High TRL



Weld of Aluminium,
Copper and Steel



Eco-Conscious
Process



Cold Welding



Stirweld's products

- ▶ Standard FSW Head for CNC
- ▶ Retractable Pin FSW Head for CNC
- ▶ FSW Spindle for Robot
- ▶ Smart FSW Head for CNC
- ▶ FSW Tools

Stirweld's services

- ▶ Prototyping
- ▶ Design assistance
- ▶ Clamping system
- ▶ Training

Scan to discover
more about Stirweld





NEW SPACE MANUFACTURING

How to build lighter, stronger and faster with FSW

1 HOUR ONLINE EVENT

Join our upcoming free webinar and discover how Friction Stir Welding (FSW) accelerates New Space manufacturing with:


- ▶ High-strength aluminium and copper welding for space
- ▶ Stronger welds with less inspection
- ▶ Lower production costs and faster industrialization
- ▶ Real applications: cold plates, stiffened panels, tanks and more

CHOOSE YOUR SLOT



ENGLISH WEBINAR

23 June
2026

 10:00 AM
(UTC +2)




23 June
2026

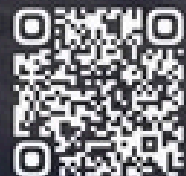
 4:00 PM
(UTC +2)



GERMAN WEBINAR

25 June
2026

 10:00 Uhr
(UTC +2)



Programme Day 2 | Lecture Room 1

Wednesday 20th May



08:40	Opening Day 2 & Announcements		
Friction Stir Welding : Opportunities & Challenges			
08:50	FSW Opportunities & Challenges a Review	Max Hoßfeld & Mike Russell	
09:20	Friction Stir Welding : Opportunities & Challenges Panel Discussion		
Friction Stir Welding : Industrialisation 1			
10:20	Reducing Fixturing Requirements for Friction Stir Lap Welding	Yuri Hovanski	Brigham Young University
10:40	Automatic Adaptive Control of Friction Stir Welding	Kevin Colligan	CTC
11:00	Spark Plasma Sintered FSW tools_A solution to extend tool life for aluminium applications	Mathieu Lambert-Cellier	Tra-c
Friction Stir Welding : Industrialisation 2			
11:50	FSW of Chambers for Vacuum Applications: A Cost-Effective Solution with Zero Leakage & High Mechanical Performance	Laurent Dubourg	Stirweld
12:10	MiRoStir — Development of Micro Tools for Robotic Friction Stir Welding	Stephan Kallee	AluStir
12:30	Interpretable Machine Learning for FSW: Understanding CNN-Based Weld Surface Analysis	Daniel Langan	PAR Systems LLC
12:50	Same Alloy, Same Penetration – Different Outcome: The Hidden Complexity of Thick-Walled FSW	Iurii Golubev	RIFTEC GmbH
Friction Stir Spot & Lap Welding			
14:10	Refill Friction Stir Spot Welding for Space Applications	Pedro De Sousa Santos	TWI
14:30	Refill Friction Stir Spot Welding in a Lunar Environment	David Hofferbert	Bond Technologies, Inc.
14:50	Investigation of weld orientation and lap weld characteristics on the mechanical properties of friction stitch welds made with a robot guided welding gun	Dominik Walz	MPA University of Stuttgart
15:10	⚡ Impact of Enlarging Tool Size on the Fatigue Strength of Friction Stir Lap Welds	Steve Ales	Papua New Guinea University of Technology
	⚡ Repairing friction stir welding exit holes in cryogenic fuel tanks using RFSSW	Benjamin Klusemann	Leuphana University Lüneburg
Friction Stir Welding: Quality Control			
16:00	Effects of Average Flow Stress and Energy Density on Quality and Properties of Friction Stir Welded Aluminum	Kevin Colligan	CTC
16:20	Development, implementation & quality control of FSW as a robust production technology for the road tanker industry	Dreyer Bernard	eNtsa (Nelson Mandela University)
16:40	Qualification of the FSW-Process an Using Advanced Numerical Framework	Henning Venghaus	CIMNE

Programme Day 2 | Lecture Room 2

Wednesday 20th May



Linear Friction Welding: Opportunities & Challenges

10:20 Linear Friction Welding: Opportunities & Challenges Panel Discussion

Friction Welding : Modelling & Weld Performance

11:50	An Energy-Based Analysis of RFW Using the Example of an Aluminium–Steel Joint	Marian Winkler	University for Applied Science Magdeburg-Stendal
12:10	Using numerical modelling to develop an LFW process control strategy	Achilles Vairis	University of West Attica
12:30	AI-driven microstructure characterisation of LFW titanium joints	Lukas Christl	MTU Aero Engines
12:50	A physics-informed neural network-based model for predicting temperature evolution during LFW	Alexander Bikmeyer	Mavlyutov Institute of Mechanics, UFRC RAS

Rotary Friction Welding: Weld Properties

14:10	Influence of process parameters and joint geometry on IFW of wrought and cast aluminum alloys	Carina Vauderwange	Mercedes-Benz AG
14:30	In-Situ Synchrotron XRD and Post Weld Microstructural Analysis of IFW Inconel 738	Richard Evans	University of Nottingham
14:50	Replacing adhesives with RFW for GRE pipe	Pedro De Sousa Santos	TWI
15:10	⚡ Joining Ultra Thin Using Induction, Forge and Shear (Friction)	Paul Cheng	FuseRing Inc.

Friction Welding In-Process Monitoring

16:00	FLEX 19 (Friction-based Landing-gear Engineering eXemplars with MLX-19 and bespoke tooling) – The AFRC Fingerprint.	Matthew Ferguson	FFRC
16:20	In-Situ Weld Assessment During Friction Welding: An Investigation into Feature Extraction, Dimensional Reduction, and Novelty Detection	Daniel Hartman	Manufacturing Behavioral Science, LLC
16:40	Development of a RFW Machine with Integrated Monitoring and Control System	Antonio Monaco da Silva	Lortek S.Coop.
17:00	Friction Stir Processing Evaluation with In Situ Volumetric Non-Destructive Testing	Jason Jones	Hybrid Manufacturing Technologies

Remember the Day 2 Evening Event:

Social Dinner & Entertainment at Duxford Air Museum

Attendance and transport is included in your IFWC registration fee
Buses will depart TWI, Granta Park at 18:15 Wednesday 20th May

FRICION STIR WELDING WITH SUPERHARD FSW TOOLS

Revolutionising the joining of aluminium and steel



E6 FSW PCBN tools available from 0.5 mm to 15 mm in diameter



E6 FSW synthetic diamond composite tools

FSW of steel - polycrystalline cubic boron nitride (PCBN) tooling

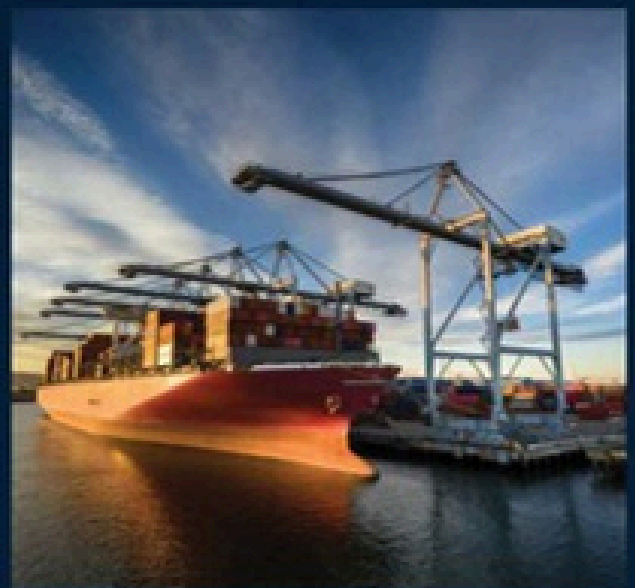
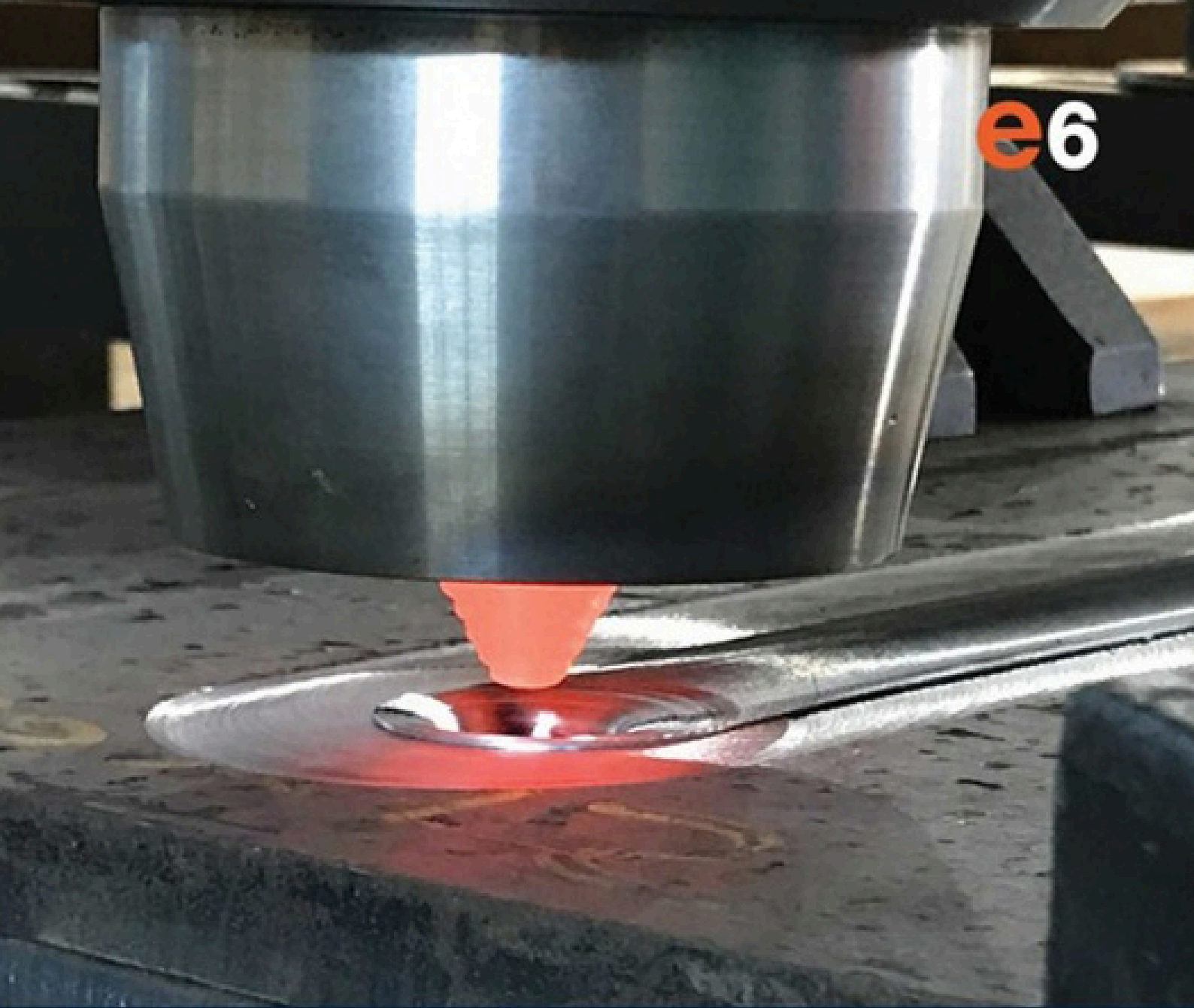
- Demonstrates long, stable, and repeatable tool life in independent trials
- Successfully validated across a broad range of steel grades
- Proven compatibility and interchangeability with multiple FSW machine platforms
- Consistently produces high-quality welds with minimal distortion

FSW of aluminium - synthetic diamond composite tooling

- Achieves welding feed rates of >5 m/min
- Delivers extended tool life - tested to 10 km (6.2 miles)
- Proven effectiveness on dissimilar aluminium grades, including cast alloys
- Application specific tool designs engineered to mitigate joint-related challenges such as hooking



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Programme Day 3 | Lecture Room 1

Thursday 21st May




09:15	Opening Day 3 & Announcements		
Friction Stir Welding: A review of Standards			
09:30	Friction Stir Welding: Standards Panel Discussion: Scott Rose (Boeing), Axel Meyer (Riftec), Jorge Dos Santos (Stirtec), Jonathan Martin (TWI)		
Friction Stir Welding: Thermal Modelling			
10:50	FSW-Generated Residual Stresses and Distortions in a Hydrogen Storage Tank Made of Thin Al Plates	Siamak Shishvan	TWI
11:10	A Hybrid AI/ML Framework for Distortion-Minimized FSW of Thick Al-Li Panels	Michael Eff	EWI
11:30	Efficient Thermo-Mechanical Field Prediction in FSW Using Model Reduction Techniques	Narges Dialami	CIMNE
11:50	Reduction of residual stresses and simulation approach of FSW aluminium alloys	Sébastien Galisson	IRT Jules Verne
Friction Stir Welding: Steel			
13:10	Orbital welding of high strength steel pipelines	Jorge Dos Santos	Stirtec
13:30	The sequential double-sided FSW of thick gauge (>20mm) steel	Branislav Dzepina	Element Six (UK) Ltd.
13:50	Progress in use of FSW welding for overhead position root pass in thick section fabrication	Chris Punshon	Cambridge Vacuum Engineering
14:10	Assessment of Pulsed Gas Metal Arc Welding and FSW of Armor Steels for Ballistic Performance	Jhoan Guzman	The Ohio State University
14:30	⚡ FSW of Reduced Activation Ferritic-Martensitic Steels for Fusion Energy	Frances Livera	UKAEA
Friction Stir Welding: Weld Properties			
15:00	Effect of microstructural heterogeneities within a FSW on the strain localization studied by laser scanning confocal microscopy	Tanguy Suchel	Airbus Central R&T (ICA)
15:20	Mechanical properties and phase stability in the stir zone of FSW super Invar alloy: an in situ neutron diffraction study	Takayuki Yamashita	The University of Osaka
15:40	Local microstructural and mechanical properties of high speed FSW, & practical application in press forming of dish-ends for road tankers	Dreyer Bernard	eNtsa (Nelson Mandela University)
16:00	Awards Presentation and Conference Close		

Programme Day 3 | Lecture Room 2

Thursday 21st May



Friction Processes & Variants			
10:50	Coreflow A Review	Sam Holdsworth	TWI
11:10	Phase Stability and Microstructural Refinement in CrFeNi MEA via Friction Consolidation	Harikrishna Rana	Leuphana University of Lüneburg
11:30	Microstructural Characterization and Mechanical Behavior of Novel High-Strength Aluminum Alloys Processed by Friction Surfacing	Javier Vivas	LORTEK-BRTA
11:50	Friction Extrusion – Solid-State Metal Synthesis in Sustainable Manufacturing	Zhilli Feng	Oak Ridge National Laboratories
Novel Additive Friction Processes			
13:10	Development of a Highly Efficient Linear Friction Additive Manufacturing Method	Koki Somekawa	JWRI, The University of Osaka
13:30	Precipitation Kinetics and Phase Transformation Modeling in Al-Mg-Si Alloy Fabricated by Friction Screw Extrusion Additive Manufacturing	Saed Sayyad Rezaeinejad	University of Twente
13:50	Single Step Conversion of Cast Composition into Wrought Metal Components Using Solidstir® Additive Manufacturing	Kumar Kandasamy	Enabled Engineering
14:10	Bridgeability of large gaps in high-strength aluminium alloys by wire-based friction stir welding with a multi-pin tool	Stefan Donaubaer	MPA University of Stuttgart
14:30	 Additive Friction Stir Welding for Aerospace Applications	Emily Davison	TWI
Additive Friction Stir Deposition: High Temperature Materials			
15:00	Enabling Bulk Additive Friction Stir Deposition of 316L Stainless Steel	Yuri Hovanski	Brigham Young University
15:20	Repair of Steel Railroad Rail via Additive Friction Stir Deposition	Michael Eff	EWI
15:40	Advancements in Additive Friction Surfacing for High-melt temperature materials	Ken Ross & Uche Okeke	PNNL

AWARDS:



The Wayne Thomas Innovation Award

Best Presentation - 14th International Symposium on Friction Stir Welding

Best Presentation - 6th International Symposium on Linear Friction Welding

Awards will be presented in **Lecture Room 1 at 16:00** on Day 3 Thursday 21st May



WE ARE HONORED TO SPONSOR IFWC 2026.

FRICION STIR WELDING + BOND TECHNOLOGIES

ADVANCING WHAT'S POSSIBLE

Friction Stir Welding for Research and Production

Bond Technologies designs and builds advanced systems for **Friction Stir Welding (FSW)**, supporting researchers, engineers, and manufacturers working at the forefront of materials joining.

With roots in FSW development dating back to 1999, Bond brings decades of expertise to demanding applications across aerospace, defense, and advanced manufacturing. In addition to FSW, Bond develops systems for **Refill Friction Stir Spot Welding (RFSSW)** and **Friction Extrusion (FE)**, expanding capabilities in solid-state processing, material innovation, and high-performance manufacturing.

From laboratory environments to high-volume production and aerospace applications supporting space exploration, Bond delivers purpose-built equipment backed by deep technical expertise and long-term support.

**Precision-built systems. Proven in application.
Trusted in partnership.**

**AEROSPACE
AND DEFENSE**


**AUTOMOTIVE AND
LIGHTWEIGHTING**

**RESEARCH AND
DEVELOPMENT**

**HIGH-VOLUME
MANUFACTURING**

**ADVANCED
MATERIALS
PROCESSING**

RIFTEC: THREE QUESTIONS FOR DR AXEL MEYER ON THE FUTURE AS AN FSW CONTRACT MANUFACTURER



*Dr Ing Axel Meyer, Managing
Director RIFTEC GmbH, Germany &
Speaker at IFWC 2026*

RIFTEC is considered a pioneer of industrial FSW in Europe. Where does the company stand today?

Dr Meyer: We have consistently evolved into a contract manufacturer. Our mission is 'FSW without limits'. With Europe's largest machine park for FSW and mechanical machining we realise customer projects of any complexity. Components measuring up to 17.0 x 3.0 x 0.5 m and complex 3D geometries are all part of our standard offering.

What distinguishes RIFTEC from other suppliers in terms of quality?

Dr Meyer: Our strength is built on two primary pillars: 23 years of FSW experience and the unique expertise of our team. Many of our specialists have been with us since the company's inception, providing unrivalled knowledge. The deep technical know-how, combined with a comprehensive quality management system and industry-specific certifications – such as EN 15085-2 for rail vehicle construction – makes us a trusted partner for highly regulated sectors.

How do your customers benefit from this?

Dr Meyer: A key advantage is our ability to actively monitor and control the welding process in real time as required. While many competitors lack this level of process control, we document every parameter directly during production. Combined with our state-of-the-art testing facilities and decades of expertise, we ensure that all components are delivered to the highest standards of quality and integrity.

- Over 23 years of experience in FSW
- Certified QM system
- In-house testing laboratory
- Comprehensive process monitoring
- Long-standing partner for aviation, rail, automotive, shipbuilding and more



**Contact &
Information**



Programme Day 2 | Social Dinner

Wednesday 20th May



17:00



Refreshments
The Street, TWI

19:00



Drinks
IWM Duxford

20:00



Entertainment
IWM Duxford

22:10



Bus Arrives
Whittlesford

22:20



Bus Arrives
The Plane, TWI

18:30



Bus Departs
The Plane, TWI

19:30



Buffet Dinner
IWM Duxford

22:00



Bus Departs
IWM Duxford

22:30



Bus Arrives
Cambridge Station



Programme Day 4 | Tour & Demonstrations

Friday 22nd May 09:00 - 12:00

Tours Feature:

TWI Cambridge Friction Welding And Processing Capabilities
Including Demonstrations:

- Stirweld Retracting Probe Friction Stir Welding
- Linear Friction Welding Ti-6Al-4V
- Element 6 Friction Stir Welding tool

TWI Welding Capabilities (inc. Arcs, Electron Beam, Lasers)

TWI Thermal & Cold Spray Capabilities

TWI Microstructural & Mechanical Testing Capabilities

**Free Registration for
Tours &
Demonstrations:**





ifwconference.com