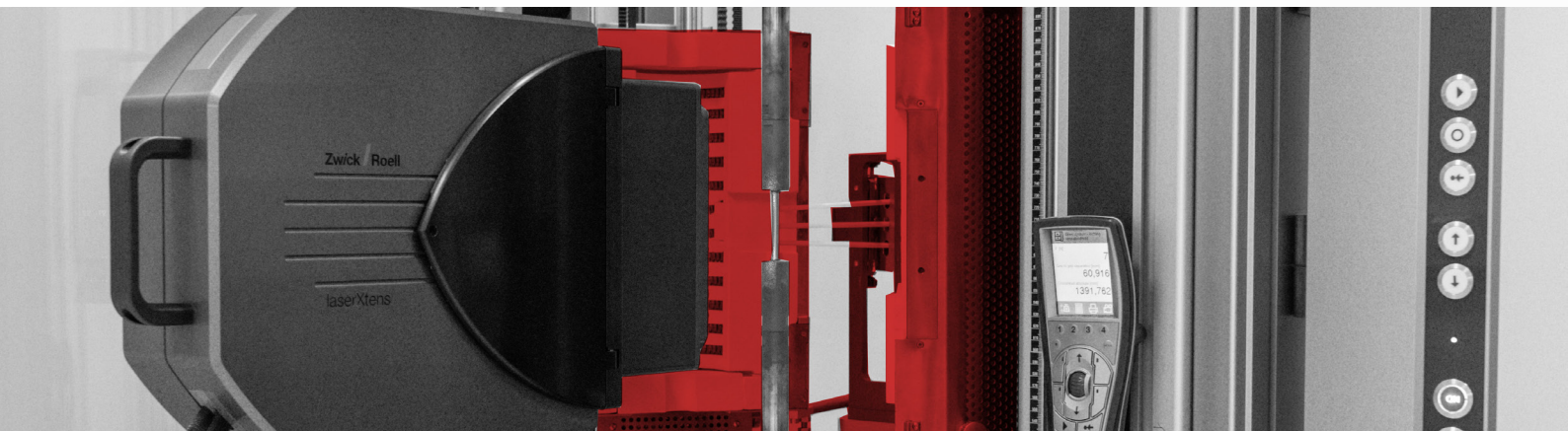


10th ZwickRoell Forum for High-Temperature and Creep Testing

May 13, 2025 in Fürstenfeld, Austria



Agenda

from 12:30 PM	Arrival and registration at ZwickRoell in Fürstenfeld	
1:00 PM	Welcome by Peter Ruchti <i>ZwickRoell Testing Systems GmbH (ZRF)</i>	
1:15 PM	Guided Tour & Demo: High-Temperature Testing <i>by Dr. Thomas Leitgeb-Simandl, ZwickRoell Testing Systems GmbH, Austria</i> Guided Tour & Demo: Hydrogen Testing <i>by Michael Rath, ZwickRoell Testing Systems GmbH, Austria</i> Guided Tour: Creep Testing <i>by Lukas Unger, ZwickRoell Testing Systems GmbH, Austria</i>	
1:45 PM	Coffee break	
2:00 PM	Workshop: More Precision, Less Effort - Optical Strain Measurement with New Features <i>Stefan Mitterhuber and Phillip Winkelmayer, ZwickRoell Testing Systems GmbH, Austria</i>	
3:00 PM	Workshop: More Precision, Less Effort - Optical Strain Measurement with New Features <i>Stefan Mitterhuber and Phillip Winkelmayer, ZwickRoell Testing Systems GmbH, Austria</i>	
4:00 PM	Coffee break	
4:15 PM	Guided Tour & Demo: High-Temperature Testing <i>by Dr. Thomas Leitgeb-Simandl, ZwickRoell Testing Systems GmbH, Austria</i> Guided Tour & Demo: Hydrogen Testing <i>by Michael Rath, ZwickRoell Testing Systems GmbH, Austria</i> Guided Tour: Creep Testing <i>by Lukas Unger, ZwickRoell Testing Systems GmbH, Austria</i>	
approx. 5:00 PM	Close of event	

Pre-event program

from 4:30 PM	Hotel Check-In	
6:20 PM	Bus departure at your hotel	
6:30 PM	Aperitif and Dinner @ Weinhof-Buschenschank Thaler	
10:00 PM	Close of event	

10th ZwickRoell Forum for High-Temperature and Creep Testing

May 14, 2025 in Fürstenfeld, Austria

Agenda

from 8:30 AM	Arrival and registration at ZwickRoell in Fürstenfeld
9:00 AM	Welcome by Dr. Jan Stefan Roell <i>Chairman of the Supervisory Board of ZwickRoell</i>
9:15 AM	Lecture: Characterization of Long-Term Behaviour of Polymers by Using ZwickRoell Kappa Multistation <i>Anja Berthold, Polymer Service GmbH Merseburg, Germany</i>
10:00 AM	Coffee break
10:15 AM	Lecture: High Temperature Materials Testing Challenges for Hydrogen in Aerospace <i>Dr. Mike Dowd, Swansea University, United Kingdom</i>
10:40 AM	Deep Dive: Materials Compatibility Testing for Gaseous Hydrogen Applications – International Experience <i>Dr. Thomas Böllinghaus, Bundesanstalt für Materialforschung und –prüfung (BAM), Germany</i>
11:00 AM	Q&A Session with Experts from the Hydrogen Industry <i>Dr. Mike Dowd, Dr. Barrie Goode, Dr. Thomas Böllinghaus</i>
11:15 AM	Coffee break
11:30 AM	Lecture: Experiments and Analysis of Creep Fatigue Crack Growth (CFCG) <i>Dr. N. Narasaiah, National Institute of Technology - Warangal, India</i>
12:15 PM	Lunch
1:00 PM	Guided Tour & Demo: High-Temperature Testing by Dr. Thomas Leitgeb-Simandl, ZwickRoell Testing Systems GmbH, Austria Guided Tour & Demo: Hydrogen Testing by Michael Rath, ZwickRoell Testing Systems GmbH, Austria Guided Tour: Creep Testing by Lukas Unger, ZwickRoell Testing Systems GmbH, Austria
1:30 PM	Coffee break
1:45 PM	Lecture: High-Temperature Creep and Fatigue Resistance of FeAlOY ODS Ferritic Nanocomposite <i>Petr Dymacek, Institute of Physics of Materials, Czech Republic</i>
2:30 PM	Coffee break
2:45 PM	Lecture: Thermo-Mechanical Fatigue Testing: Background - Realisation - Validation <i>Dr. Ing. Karl-Heinz Lang, Retired from Karlsruhe Institute of Technology (KIT), Germany</i>
3:30 PM	Coffee break
3:45 PM	Guided Tour & Demo: High-Temperature Testing by Dr. Thomas Leitgeb-Simandl, ZwickRoell Testing Systems GmbH, Austria Guided Tour & Demo: Hydrogen Testing by Michael Rath, ZwickRoell Testing Systems GmbH, Austria Guided Tour: Creep Testing by Lukas Unger, ZwickRoell Testing Systems GmbH, Austria
from 4:00 PM	Individual Consulting & Expert Talks
5:00 PM	Close of event