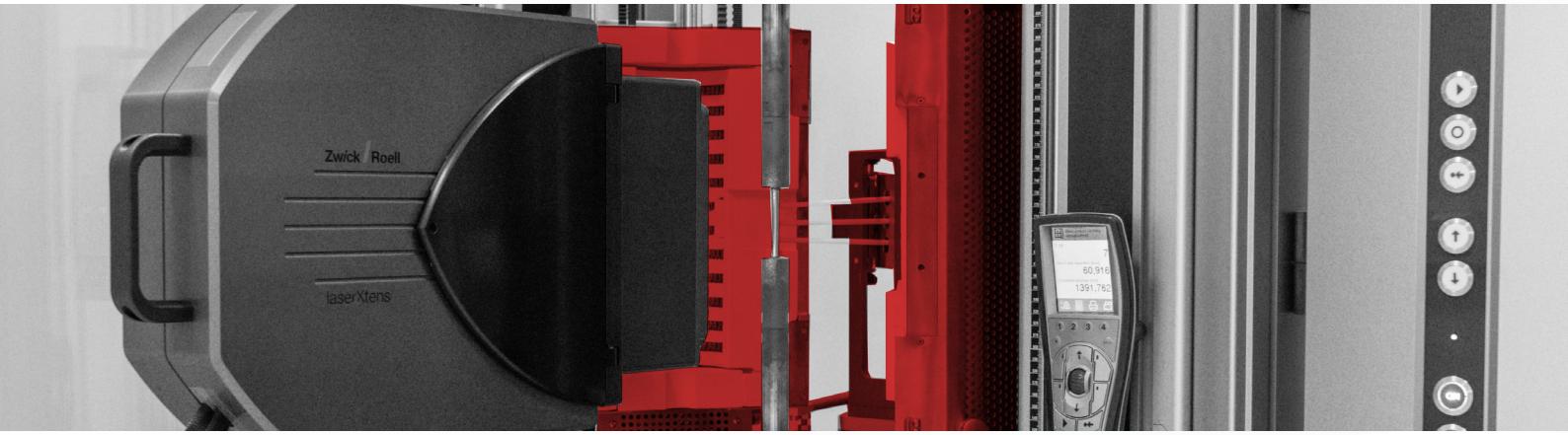
10th ZwickRoell Forum for High-Temperature and Creep Testing

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** *ZwickRoell Testing Systems GmbH (ZRF)*
1:15 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*
1:45 PM	**Coffee break**
2:00 PM	**Workshop: More Precision, Less Effort - Optical Strain Measurement with New Features** *Stefan Mitterhuber and Phillip Winkelmayer, ZwickRoell Testing Systems GmbH, Austria*
3:00 PM	**Workshop: More Precision, Less Effort - Optical Strain Measurement with New Features** *Stefan Mitterhuber and Phillip Winkelmayer, ZwickRoell Testing Systems GmbH, Austria*
4:00 PM	**Coffee break**
4:15 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*
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**

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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** *Chairman of the Supervisory Board of ZwickRoell*
9:15 AM	**Lecture: Characterization of Long-Term Behaviour of Polymers by Using ZwickRoell Kappa Multistation** *Anja Berthold, Polymer Service GmbH Merseburg, Germany*
10:00 AM	**Coffee break**
10:15 AM	**Lecture: High Temperature Materials Testing Challenges for Hydrogen in Aerospace** *Dr. Mike Dowd, Swansea University, United Kingdom*
10:40 AM	**Deep Dive: Materials Compatibility Testing for Gaseous Hydrogen Applications – International Experience** *Dr. Thomas Böllinghaus, Bundesanstalt für Materialforschung und –prüfung (BAM), Germany*
11:00 AM	**Q&A Session with Experts from the Hydrogen Industry** *Dr. Thomas Böllinghaus, Dr. Mike Dowd, Dr. Barrie Goode*
11:15 AM	**Coffee break**
11:30 AM	**Lecture: Experiments and Analysis of Creep Fatigue Crack Growth (CFCG)** *Dr. N. Narasaiah, National Institute of Technology - Warangal, India*
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** *Petr Dymacek, Institute of Physics of Materials, Czech Republic*
2:30 PM	**Coffee break**
2:45 PM	**Lecture: Thermo-Mechanical Fatigue Testing: Background - Realisation - Validation** *Dr.Ing. Karl-Heinz Lang, Retired from Karlsruhe Institute of Technology (KIT), Germany*
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**

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