

Welcome to the Zwick Roell Forum for Hardness Testing

21st June 2018, Indentec, Brierley Hill, UK



Zwick Roell looks forward to welcoming you to our product development and manufacturing premises. Our program of lectures and workshops offers an opportunity to learn about the latest trends and developments in hardness testing and nano-indentation. The event provides a forum where experts from research & development, materials testing and quality assurance can meet to exchange information on a range of specialised topics.

Discuss the latest testing options with internationally recognised specialists, in conjunction with a range of hardness testing machine exhibits.

Thursday, 21st June 2018

- 08:45 a.m. Registration
- 09:00 a.m. Welcome by Dr. Jan Stefan Roell
Zwick Roell AG, Germany
- 09:15 a.m. Reliable Hardness Test Results
Hanna Schickl, Zwick GmbH & Co. KG, Germany
- 09:45 a.m. Measurement Uncertainty in Hardness Testing
John Piller, Indentec Hardness Testing Machines Limited, UK
- 10:15 a.m. Importance of Calibration
Mark Deven, UK Calibrations Limited, UK
- 10:45 a.m. Coffee break
- 11:00 a.m. ISO 14577 - Instrumented Indentation from Macro to Nano
Dr. Erhard Reimann, Zwick GmbH & Co. KG, Germany
- 11:45 a.m. Hardness Testing: a user's perspective
Nick O'pin, Wallwork Heat Treatment, Bury, UK
- 12:30 p.m. Lunch
- 2:00 p.m. Workshops
All workshops are 45 minutes in length and will take place simultaneously (multiple choice possible, see registration form)
- WS 1: More than Rockwell Testing - depth measurement methods with closed-loop Rockwell tester
WS 2: Tips and Tricks with HD Software
WS 3: Instrumented indentation in the nano range (ZHN)
- Approx. 4:30 p.m. Close of event

Pre-event program: guided brewery tour and evening meal

For all guests who plan to arrive on Wednesday 20th June 2018 we have arranged a free guided brewery tour. Afterwards we invite you to dinner together in a cozy atmosphere.

Wednesday, 20th June 2018

- up to 6:00 p.m. individual arrival and hotel check-in
- 6:00 p.m. departure to the guided brewery tour and following evening meal
- approx. 9:30 p.m. back at the hotel

Participation in the event is free of charge. If you require accommodation in the Indentec area, Zwick Roell has reserved a number of hotels and will be happy to assist you with individual hotel bookings and airport transfers (please indicate in the registration form).