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WMG
THE UNIVERSITY OF WARWICK

ROYAL SOCIETY OF CHEMISTRY

Shimadzu in collaboration with the Warwick Manufacturing Group and Dortmund University are pleased to announce a Fatigue Testing Seminar Day

Thursday 28th April 2016, 10am – 3pm

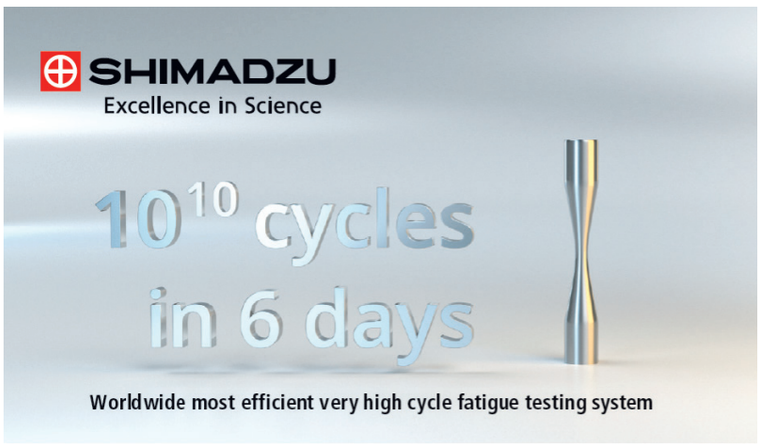
Aim of the day: This is your opportunity to find out more about fatigue testing technologies from the experts, learn more about Ultrasonic Very High Cyclic Fatigue and how this is used to test the fatigue performance in additive layer manufacturing.

Location: Seminar rooms 1 & 2 in the IIPSI Building, WMG, International Manufacturing Centre, University of Warwick, Coventry, CV4 7AL

- 10.00- 10.30am Arrival and Coffee
- Introduction – Nic Brown Shimadzu UK
- Research and development at TU Dortmund University – Professor Frank Walther
- Profile of fatigue testing technologies - Professor Frank Walther

Free Buffet Lunch and Networking 12-1pm

- Very high cycle fatigue testing with USF-2000 – Mr Shafaqat Siddique
- Fatigue performance of additively manufactured Al and Ti alloys until 1E9 cycles – Mr Shafaqat Siddique
- 3.00pm Summary and Close



Meet the speakers:

Professor Frank Walther started his career in 1992 studying Mechanical Engineering, he has had a wealth of positions in the area of fatigue testing in Academia and Industry. In 2008 he became the Head of Division at the Schaeffler Gruppe and since 2010 has been a Professor of Materials Test Engineering at Dortmund University, where his work and group in Materials Testing continues to grow. He has recently became a visiting Professor for Universities in Russia and China, a brilliant speaker with very interesting research.

Mr Shafaqat Siddique earned his master's degree from TU Hamburg, Germany working in the field of selective laser melting (SLM) at Laser Zentrum Nord. In 2013, he joined the Chair of Materials Test Engineering (WPT) at TU Dortmund University. There he is involved in research related to the combined aspects of the SLM process with the materials technology to evaluate the process-induced parameters and their influence on material and part properties for optimization of mechanical performance, especially very high cycle fatigue.

To request your FREE place(s) please email:

Nic Brown at Nicola.brown@shimadzu.co.uk or MTMinfo@shimadzu.co.uk or call 07525702646

SPACES ARE LIMITED SO BOOK NOW TO AVOID DISAPPOINTMENT!

Shimadzu UK reserve the right to refuse acceptance or entry into the workshop should this be necessary