

12th International Heat Flow Calorimetry Symposium-Energetic Materials (HFCS-EM)

Date: 10-13th May 2021

Place: Fort Halstead, Kent, UK

Host: QinetiQ, Fort Halstead

Topics:

- **Performance evaluation of energetic materials regarding chemical compatibility, stability, ageing and in-service time periods**
- **Decomposition kinetics of energetic materials – mechanisms, kinetic descriptions**
- **Modelling and simulation of thermal effects and hazards**
- **Use of heat flow / thermal behavior of energetic materials / chemicals in designing and manufacturing**
- **Safety assessment of energetic or decomposing chemicals using heat flow techniques**
- **Testing – measurements and assessment procedures**
- **Instrumental improvements and innovations**
- **Regulations and standards**
- **Other thermal methods (DSC, ARC)**

Steering Committee Members:

Dr. Manfred A. Bohn, Fraunhofer ICT, Pfingstal-Berghausen, Germany
Mr. Moritz Heil, Fraunhofer ICT, Pfingstal-Berghausen, Germany
Mr. Wim de Klerk, TNO Defence, Security and Safety, Rijswijk, The Netherlands
Dr. Michael Ramin, NC-Wimmis, Switzerland
Ms. Helge Schimansky, Rheinmetall, South Africa
Dr. Sara K. Pliskin, NSWC Crane, USA
Ms. Terhi Merilainen, FDRA, Finland
Mr. Alan Macdonald, AWE, England
Dr. Ruth Tunnell, QinetiQ, England
Mr. Ryan Ubelhor, NSWC, Crane, USA

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