

10th Heat Flow Calorimetry Symposium- Energetic Materials (HFCS-EM)

<http://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Crane/Partnerships/Events/HFCS-EM-2017/>

Date: 25-28 September 2017

Place: Crane, IN USA

Host: Naval Surface Warfare Center, Crane Division

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, Pfinztal-Berghausen, Germany
Mr. Beat Vogelsanger, Nitrochemie, Switzerland
Mr. Wim de Klerk, TNO Defence, Security and Safety, Rijswijk, The Netherlands
Ms. Helge Schimansky, Rheinmetall, South Africa
Dr. Sara K. Pliskin, NSWC Crane, USA
Ms. Terhi Merilainen, FDRA, Finland
Mr. Alan Macdonald, AWE, England

