

nanOxiMet Final Workshop: “Oxidative potential as a metric for nanomaterial grouping?”

May 2nd, 2016

DECHEMA, Society for Chemical Engineering and Biotechnology

Theodor-Heuss-Allee 25, 60486 Frankfurt am Main

Preliminary Agenda

- 10.00h - 10.05h Welcome (*Prof. Dr. T. Kuhlbusch, IUTA*)
- 10:05h - 10.30h Characterisation of NM - Results of the nanOxiMet project
(*Dr. B. Hellack, IUTA*)
- 10.40h - 11:05h Challenges in NM Characterisation in the framework of nanoEHS
(*Dr. K. Alstrup Jensen, NRCWE*)
- Coffee Break*
- 11.35h - 12:00h Oxidant generation properties and Oxidative Stress - Results of
the nanOxiMet project (*Dr. R. Schins, IUF*)
- 12:10h - 12:35h OP as a metric in assessing the toxicological potency of UFP/NM
(*Prof. Dr. F. Cassee, RIVM/University Utrecht*)
- Lunchtime (on own expense)*
- 13.35h - 14.00h The three tiers of Oxidative Stress response – Results of the
nanOxiMet project (*Dr. L. Aragao-Santiago, UPD-BFA*)
- 14.10h - 14.35h Validating the health relevance of PM oxidative potential in short
and long-term epidemiological studies (*Dr. I. Mudway, King’s
College London, UK*)
- 14.45h - 15:10h Online determination of Oxidative Potential in PM_x (*Dr. Markus
Kalberer, University of Cambridge, UK*)
- Coffee Break*
- 15.40h - 16.05h Oxidant Generating Capacity as a metric for grouping of
nanomaterials – Results of the nanOxiMet project (*Prof. Dr. T.
Kuhlbusch, IUTA*)
- 16:15h - 16:45h Discussion on the Oxidant Generating Capacity as a promising
additional metric in regulation