



3rd IND EX® Safety Congress on industrial explosion protection

Nürnberg Convention Center | Germany
April 24th + 25th, 2013

– the program –

day 1

13:00 hrs	live dust explosion (outdoors)
13:30 – 14:00 hrs	registration
14:00 – 14:20 hrs	welcome note: Stefan Penno , IND EX
14:20 – 14:50 hrs	key note speech: Prof. Dr. Dr. med. habil. Bert Reichert , Nürnberg Hospital for Burn Traumas „Fatal consequences of insufficient safety concepts – burn and explosion traumas to the human body“
14:50 – 18:15 hrs	real life session chaired by Dr.-Ing. Johannes Lottermann
14:50 – 15:20 hrs	Marcelo Kleber , MASISA „Implementing comprehensive explosion protection concepts in large scale plants – case study: Dust explosion in a Fiber Board Factory“
15:20 – 15:45 hrs	break
15:45 – 16:15 hrs	Dr. Ute Hesener , DEKRA EXAM GmbH „Protection of Mixers and Blenders against explosions“
16:15 – 16:45 hrs	Dipl.-Ing. Jens Hötger , DMT GmbH & Co. KG „Combustion of Biomass – Influence of material specifications on explosion protection measures“
16:45 – 17:15 hrs	Prof. Dr. Christophe Proust Emanuel Leprette , INERIS „Are we sure that certified safety systems are really safe?“
17:15 – 17:45 hrs	Dipl.-Ing. Richard Siwek , FireEX Consultant GmbH „Trends in norms, guidelines vs. old school approaches from the past“
17:45 – 18:15 hrs	Q+A, closing of day 1
18:15 – open end	IND EX party

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day 2

09:00 – 12:20 hrs	trends + new findings session chaired by Dipl.-Ing. Richard Siwek
09:00 – 09:30 hrs	Prof. Dr. Gerd Mühlenbeck, RECYCON GmbH „The design of explosion proof Battery Rooms for solar driven boats and consequences for other applications in the field of renewable energy“
09:30 – 10:00 hrs	PGDip Eng David William Price, GEXCON Ltd. „Modeling of Dust Explosions to determine optimum protection when EN standards and codes are not relevant or considered too conservative“
10:00 – 10:30 hrs	Dipl.-Ing. FH Ulrich Stolz, KELLER Lufttechnik GmbH & Co. KG Dipl.-Ing. ETH Daniel Zellweger, RICO AG „State of the art in explosion isolation“
10:30 – 10:50 hrs	<i>break</i>
10:50 – 11:20 hrs	Dr.-Ing. Johannes Lottermann, REMBE GmbH „Of using a belt as well as additional suspenders: Explosion safety repeated unnecessarily“
11:20 – 11:50 hrs	Dr. Anthony Brown, RISIKO „Explosion safety goes South America – about the ABNT + its standardization efforts in Brasil“
11:50 – 12:20 hrs	Vincent Grosskopf, THORWESTEN VENT GmbH „Simplified explosion protection of filters – explosion venting, explosion isolation + improved separation all in one“
12:20 – 13:20 hrs	<i>lunch break</i>

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day 2

13:00 hrs	live dust explosion (outdoors)
13:20 – 15:30 hrs	gas session chaired by Stefan Penno
13:20 – 13:50 hrs	Prof. Almerinda Di Benedetto, University of Naples „CFD simulations of the 20 l explosion vessel”
13:50 – 14:20 hrs	Ph.D. Michael Försth, SP Fire Technology „Dispersion of two-phase jets from accidental releases in hydraulic pipes”
14:20 – 14:50 hrs	Prof. Dr. Vladimir Molkov, University of Ulster „Hydrogen Hazards”
14:50 – 15:00 hrs	Q+A, closing of the event
15:00 – 15:30 hrs	live dust explosion (outdoors)
15:30 – 16:00 hrs	Press conference at IND EX Booth



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