

17th international Coating Symposium

October 17 - 18, 2018

Program Day I



- 09:00 – 10:00** **Registration**
- 10:00 – 10:30** **Welcome**
Thomas Kolbusch, Vice President COATEMA Coating Machinery GmbH Dormagen, Germany
- 10:30 – 11:00** **KROENERT and COATEMA under one umbrella company- potential & targets**
Dr. Tarik Vardag, Managing Director ATH Altonaer-Technologie-Holding GmbH Hamburg, Germany
- 11:00 – 11:30** **COMEDCO – New alternatives for solutions in TDS and ODF**
Dipl. Ing. Johannes Jansen, Research & Development Optima life science GmbH, Schwäbisch Hall, Germany
- 11:30 – 11:50** **Coffee break**
- 11:50 – 12:20** **Coating of medical yarns**
Georg Paar, Bio Tex AME, RWTH Aachen, Germany

Program Day I



12:20 – 12:50 **Requirements for coating and drying of pharmaceutical products**
Dr. Klaus-Peter Crone, COATEMA Coating Machinery GmbH
Dormagen, Germany

12:50– 13:50 **Lunch break**

13:50 – 14:20 **Processing and supplying of pharmaceutical products**
Prof. Dr. Joerg Breitzkreuz, APV President, Director Institute of
Pharmaceutics and Biopharmaceutics, University of Duesseldorf,
Germany

14:20 – 14:50 **New developments on Nanoimprint**
Thomas Exlager, COATEMA Coating Machinery GmbH Dormagen,
Germany

14:50– 15:10 **Coffee break**

15:10 – 15:30 **Lab tour Coatema R&D Center**

Program Day I

15:30 – 17:00 Trials: Drying & curing on Smartcoater & general coating trials

17:00 – 18:00 Q&A

18:00 **Shuttle to Zons & Get together at**

Restaurant Torschenke Zons
Rheinstraße 3

41541 Dormagen

Program Day II

09:00 – 9:15

Welcome

Thomas Kolbusch, Vice President COATEMA Coating Machinery GmbH Dormagen, Germany

09:15 – 9:45

Micro-nano structuring of sleeves and in-line monitoring approaches for roll-to-roll hot embossing

Dr. Bogdan Voisiat, Fraunhofer IWS – TU Dresden, Germany

09:45 – 10:15

Process optimization of coating technologies

Dipl. Ing. Wolfram Szczepaniak, KROENERT GmbH & Co. KG Hamburg, Germany

10:15 – 10:45

Basics on membrane manufacturing

Dr. Ludger Michels, R&D Manager COATEMA Coating Machinery GmbH Dormagen, Germany

10:45 – 11:00

Coffee break

Program Day II

- 11:00 – 11:30** **Novel polymeric membrane based on nanoparticle technology**
Dr. Karina Zedda, IAB Ionenaustauscher GmbH, LANXESS BU LPT, Germany
- 11:30 – 12:00** **2D Inline control for coatings**
Dr. Ferdinand Bammer, TU Wien, Austria
- 12:00 – 12:30** **Potential of manufacturing technologies for the continuous production of large-area and preformed textile reinforcements for the construction industry**
Dipl. Ing. Steffen Rittner, ITM, TU Dresden, Germany
- 12:30 – 13:00** **Roughness reduction and functional coating deposition on additive manufactured substrates with ultrasonic spraycoating**
Prof. Wim Deferme, Imo-Imomec – University of Hasselt, Belgium

Program Day II

13:00 – 14:00 Lunch break

14:00 – 14:30 ARENA project status – Shift & Repeat Nanoimprint lithography – A novel approach for large-area nanostructuring

Dr. Ing. Jens Bolten, AMO GmbH Aachen, Germany

14:30 – 14:45 Coffee break

14:45 – 16:30 **Trial**: **1. Imprint**
2. Demonstration of roll-to-roll (R2R) processes

16:30 – 17:15 Q&A and Closing Remarks



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