

16th international Coating Symposium

October 18th & 19th, 2017

Roseller Str. 4, 41539 Dormagen

Program Day I

09:00 – 10:00 *Reception*

10:00 – 10:15 **Welcome**
COATEMA, Thomas Kolbusch

10:15 – 10:45 **Nanoimprint Lithography and markets:
an overview on technological potentials**
COATEMA, Thomas Exlager

10:45 – 11:15 **Challenges and solutions for the industrial production of
micro- and nanostructured films and rigid material**
TEMICON, Wilfried Schipper

11:15 – 11:45 **Coffee break**

11:45 – 12:15 **Current research on thermal and UV roll-to-roll NIL**
FRAUNHOFER IPT, Thomas Bastuck

12:15 – 12:45 **UV systems for NIL**
HERAEUS Noblelight, Alexander Link

12:45 – 13:15 **Coating systems for NIL**
COATEMA, Dr. Ludger Michels

Program Day I

13:15 – 14:15 Lunch break with finger food buffet

14:15 – 15:00 Round Tour Coatema R&D center

15:00 – 17:00 Hands on NIL 300

17:00 – 17.45 Q&A session and summary of day 1
all speakers

18:00 Shuttle to Zons & Get together

19:00 **Get Together**
Torschenke Zons
Rheinstraße 3, 41541 Dormagen

Program Day II

- 09:00 – 9:15 **Welcome**
COATEMA, Thomas Kolbusch
- 09:15 – 10:00 **Intermittent slot die coating**
COATEMA, Dr. Klaus Peter Crone
TNO, Ike de Vries
- 10:00 – 10:30 **Eelicon and FlexG**
FRAUNHOFER ISC, Dr. Uwe Posset
- 10:30 – 11:00 **Electrofluorescence project**
FRAUNHOFER IMWS, Dr.-Ing. Sandra Richter

11:00 – 11:15 Coffee break

Program Day II

- 11:15 – 11:45 **Pilot-scale coating and spraying of polymer films for membrane applications**
KU Leuven, Peter Van den Mooter
- 11:45 – 12:15 **Inkjet Technology and Functional Printing**
COATEMA, Simon Beckers
FUJIFILM Dimatix, Lou Dadok
- 12:15 – 12:45 **On-line weight/thickness measurement Solutions for coating applications**
MESYS GmbH, Silvio Dalbuono
- 12:45 – 13:30 Lunch break with finger food buffet**
- 13:30 – 14:00 **aNIR photonic drying and sintering of conductive coatings**
ADPHOS Digital Printing GmbH, Dr. Kai Bär
- 14:00 – 14:30 **Smart textile coatings and printing**
HS Niederrhein, Prof. Dr. Anne Schwarz-Pfeiffer

Program Day II

14:30 – 14:45 Coffee break

14:45 – 16:45 **Trials**

Trial 1 Intermittent slot dies

- Switching slot die

Trial 2 Fluorescent marking of coatings

Trial 3 Inkjet and photonic sintering

Trial 4 Nanoimprint of a rainbow layer

Trial 5 The basic principles of doctor blade coating

Program Day II

16:45 – 17:00 Closing Remarks, Coatema, Thomas Kolbusch



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