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# 16<sup>th</sup> international Coating Symposium

October 18th & 19th, 2017

Roseller Str. 4, 41539 Dormagen

# 16th international Coating Symposium

## 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 **Thermal Nanoimprint in comparison to UV Nanoimprint**  
FRAUNHOFER IPT, Thomas Bastuck

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

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## Program Day II

- 09:00 – 9:15 **Welcome**  
COATEMA, Thomas Kolbusch
- 09:15 – 10:00 **Intermittent slot die coating**  
COATEMA, Dr. Klaus 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 **Membranes**  
KU Leuven, Prof. Ivo Vankelecum

11:45 – 12:15 **Inkjet Research**  
COATEMA, Simon Beckers  
FUJIFILM Dimatix, Lou Dadok

12:15 – 12:45 **Ultrasonic weight/thickness measurement**  
MESYS, 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 AG, 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**

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## Program Day II



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