



PRA's 11<sup>th</sup> International

# Woodcoatings Congress

23 – 24 October 2018

Mercure Hotel  
Amsterdam City · The Netherlands



## Sustainable aesthetics and protection

### Programme



The Congress is sponsored by:



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## **Congress language**

PRA's 11<sup>th</sup> International Woodcoatings Congress will be held in English only

## **Organiser**

Vincentz Network Plathnerstr. 4c 30175 Hannover, Germany In collaboration with PRA

## **Congress steering committee**

- Dr Franco Bulian, Catas, Italy
- Peter Svane, Coating Consultancy, Denmark
- Laurence Podgorski, FCBA, France
- Dr Stefan Friebel, Fraunhofer WKI, Germany
- Dr Gerhard Grill, Holzforschung Austria, Austria
- Dr Steve Ryley, PRA, United Kingdom

## 1<sup>st</sup> CONGRESS DAY – 23 OCTOBER 2018

08.15 – 09.00 h	Registration counter opens
09.00 – 09.15 h	Welcome address

### SESSION 1: INTRODUCTION, ISSUES, INITIATIVES

09.15 – 09.45 h	<b>1.1 Improved water-borne acrylics for water-borne trim paints</b> Thomas Bernhofer, Synthomer, Germany
09.45 – 10.15 h	<b>1.2 A bio-based concept to improve the fire resistance of wood and wood coatings</b> Dr Lars Passauer, Institut für Holztechnologie Dresden, Germany
10.15 – 10.45 h	<b>1.3 Silylated linseed oil for wood protections</b> Ewelina Depczyńska, Acrylmed, Poland
10.45 – 11.15 h	Networking: Refreshments & coffee break
11.15 – 11.45 h	<b>1.4 Biomass balance – a ground-breaking approach for more sustainable wood coatings without compromising on performance</b> Tunja Jung, Roland Baumstark, BASF SE, Germany
11.45 – 12.15 h	<b>1.5 From wood basics to new innovative design solutions for the future</b> Luc Sterckx, Allnex, Belgium
12.15 – 12.45 h	<b>1.6 High performing plant-based binders with reduced CFP</b> Dr Tijs Nabuurs, DSM Coating Resins, The Netherlands
12.45 – 14.00 h	Networking: Lunch break

### SESSION 2: INTERIOR WOOD COATINGS – NEW TECHNOLOGY

14.00 – 14.30 h	<b>2.1 Great polymer for the industrial furniture market deserves a great formulation and application</b> Vyacheslav Starkov, Dow Coating Materials, Germany
14.30 – 15.00 h	<b>2.2 Colorful solvent-free radiation-curable wood coatings</b> Holger Wach, Byk Chemie, Germany
15.00 – 15.30 h	<b>2.3 Novel water-based energy-curable PU dispersions extend sustainable product offering for wood</b> Dr Michel Tielemans, Allnex, Belgium
15.30 – 16.00 h	Networking: Refreshments & coffee break
16.00 – 16.30 h	<b>2.4 Aesthetic value in polyamide based polyurethane coatings</b> Miriam Peralta, Lubrizol, United Kingdom
16.30 – 17.00 h	<b>2.5 Silane/Polyurethane-hybrid crosslinkers for ultra-durable coating systems</b> Tobias Unkelhäuser, Evonik Resource Efficiency, Germany
17.00 – 17.30 h	<b>2.6 Shortening the drying gap between 2K solvent-borne and 2K water-borne PU</b> Dr Eva Tejada, Covestro, Spain

### SESSION 3: EXTERIOR WOOD COATINGS – TESTING & MEASUREMENT

14.00 – 14.30 h	<b>3.1 Improving the hail resistance of wood coatings</b> Dr Boris Forsthuber, Holzforschung Austria, Austria
14.30 – 15.00 h	<b>3.2 Comparison of several methods to assess the performance of tannin blocking coatings</b> Laurence Podgorski, FCBA, France
15.00 – 15.30 h	<b>3.3 Harmonization of the tensile test conditions for exterior wood coatings - round robin results</b> Dr Claudia Schirp, Fraunhofer Institute for Wood Research, Germany
15.30 – 16.00 h	Networking: Refreshments & coffee break
16.00 – 16.30 h	<b>3.4 The influence of paint colour and cooling pigments on total solar reflectance and surface temp</b> Dr Gerhard Grill, Holzforschung Austria, Austria
16.30 – 17.00 h	<b>3.5 Realistic simulated weathering of exterior wood coatings</b> Berit Lindegaard, Danish Technological Institute, Denmark
17.00 – 17.30 h	<b>3.6 A comparison of natural and artificial weathering to evaluate durability of exterior coatings</b> Vyacheslav Starkov, Dow Coating Materials, Germany

### 19.00 – 22.00 h NETWORKING DINNER:

The official congress dinner is an ideal opportunity to renew and strengthen contacts, cultivate business relationships, exchange latest news and participate in discussions. The dinner includes a 3-course-meal and drinks. A shuttle bus will be offered from the congress venue to the dinner location. So do not miss out the exclusive networking event.

2<sup>nd</sup> CONGRESS DAY – 24 OCTOBER 2018

<b>SESSION 4: INTERIOR WOOD COATINGS – TESTING &amp; MEASUREMENT</b>		<b>SESSION 6: EXTERIOR WOOD COATINGS – NEW TECHNOLOGY I</b>	
09.00 – 09.30 h	<b>4.1 Improvement of european furniture surface classification system on resistance to chemicals</b> Dr Hans-Christian Leue, Remmers Industrielacke, Germany	6.1 Cellulose nanofibrils in wood coatings - improved hail storm resistance? Tina Künniger, Empa, Switzerland	
09.30 – 10.00 h	<b>4.2 Indoor air product emission testing with EN 16516 for European, national and private demands</b> Daniel Tigges, Eco-Institut, Germany	<b>6.2 Self-healing through microencapsulated agents for protective wood coatings</b> Dr Albert Rössler, Adler-Werk Lackfabrik Johann Berghofer, Austria	
10.00 – 10.30 h	<b>4.3 Light fastness and artificial results</b> Prof Franco Bulian, Catas, Italy	<b>6.3 Influence of non-VOC coalescing agents on durability of wood coatings for window joinery</b> Dr Artur Palasz, Spektrochem Coatings Adhesives and Polymers R&D Centre, Poland	
10.30 - 11.00 h	Networking: Refreshments & coffee break	Networking: Refreshments & coffee break	
<b>SESSION 5: INTERIOR WOOD COATINGS – APPLICATION TECHNOLOGY</b>		<b>SESSION 8: EXTERIOR WOOD COATINGS – NEW TECHNOLOGY II</b>	
11.00 – 11.30 h	<b>5.1 Finishing of wood by electrostatic application of powders made of natural raw materials</b> Christoph Jocham, Kompetenzzentrum Holz/WoodKPlus, Austria	<b>6.4 Extended open time - microfibrillated cellulose a novel multifunctional rheology modifier</b> Dr Otto Soidinsalo, Borregaard, Norway	
11.30 – 12.00 h	<b>5.2 Possibilities for control of powder coating process</b> Prof Klaus Rehm, Berner Fachhochschule, Switzerland	<b>6.5 New electrostatic coating technology for wood</b> René Massard, Kemica Coatings, France	
12.00 – 12.30 h	<b>5.3 Enhanced technology for electrostatic spray on wood-plastic composites</b> Atman Fozdar, Chemical Dynamics, United States	<b>6.6 Industrial coating of cladding: Inline control of temperature, film thickness and microfoam</b> Dr Ulrich Hundhausen, Norwegian Institute of Wood Technology (Tretknisk), Norway	
12.30 - 13.30 h	Networking: Lunch break	Networking: Lunch break	
<b>SESSION 7: NOVEL MATERIALS &amp; PROCEDURES</b>		<b>SESSION 8: EXTERIOR WOOD COATINGS – NEW TECHNOLOGY II</b>	
13.30 – 14.00 h	<b>7.1 Polyurethan-crosslinker for internal wood coatings applications</b> Rolf Klucker, Vencorex, France	<b>8.1 Novel oil-modified acrylic multi-domain dispersions for wood coatings</b> Dr Andreas Steiner, Allnex, Austria	
14.00 – 14.30 h	<b>7.2 Oxidizable phenolic based urethanes</b> Sam Morell, S.P. Morell and Company, United States	<b>8.2 Fluoropolymer topcoats for joinery with enhanced durability</b> Dr Kurt Wood, Arkema, United States	
14.30 – 15.00 h	<b>7.3 A more efficient way of dispersing pigment in water</b> Christopher Williams, Lubrizol, United Kingdom	<b>8.3 Permanent non-leaching multi-functional organoclays for improvement of durability of biocide-free wood coating systems</b> Solvita Kostjukova, Alina, Latvia	
15.00 – 15.30 h	Networking: Refreshments & coffee break		
15.30 – 16.00 h	<b>7.4 Screening method for potential antimicrobial agents for exterior wood coatings</b> Jonas Stenbæk, Danish Technological Institute, Denmark	<b>8.4 Sustainably perfect wood coatings (WoodStainProtection-Technology)</b> Peter van Herzele, Gebroeder Dorfner, Germany	
16.00 – 16.30 h	<b>7.5 Can a surface be leveled to the next level?</b> Manuela Loch, Carolin Klein, Merck, Germany	<b>8.5 Novel TiO<sub>2</sub> based formulation on tannin stain resistance for waterborne wood coatings</b> Dr Agingu Shih, Chemours, Taiwan	