

# 12<sup>th</sup> European Wood-based Panel Symposium

THURSDAY, OCTOBER 13, 2022

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## 8.30 - 10.30 Session I | Chair: CLIVE PINNINGTON / EPF

**8.30 Bo Kasal, Fraunhofer WKI, Kris Wijnendaele, EPF:**  
Welcome and opening (EN)

**8.45 Wolfgang Michael Pollmann, Free and Hanseatic City of Hamburg:**  
Greetings (DE)

**9.00 Martin Brettenthaler, Chairman of EPF | CEO Swiss Krono Group:**  
Global development of the wood-based panel industry with special regard to the Russia-Ukraine-Conflict (EN)

**9.30 Edi Snaidero, President of the European Furniture Industries Confederation EFIC:**  
Current and future developments in the furniture industry and collaboration with wood-based panels suppliers (EN)

**10.00 Jori Ringman, Director General of the Confederation of European Paper Industries CEPI:**  
Three ways to mitigate climate change; how to grow this climate impact of the forest-based industries? (EN)

## 10.30 Coffee break

## 11.15 - 13.30 Session II | Chair: HARALD SCHWAB / Fraunhofer WKI

**11.15 Martin Langen, B+L Marktdaten:**  
European construction industry in change - outlook for new construction and renovation until 2024 (DE)

**12.00 Matthias Dieter, Thünen Institute of Forestry:**  
Wood market analyses - recent projections (DE)

**12.30 Goran Schmidt, AFRY Management Consulting (Deutschland) GmbH:**  
More sustainability, less raw material - How the panel industry can cope with changing sourcing conditions and new regulations (EN)

**13.00 Uwe Kies, InnovaWood:**

Towards EU green deal and circular economy goals through an innovative research, industry and trade union partnership: the Wood4Bauhaus Alliance (EN)

## 13.30 Lunch break

## 15.00 - 16:30 Session III | Chair: DIRK BERTHOLD / Fraunhofer WKI

**15.00 David Türp, BASF SE:**  
Sustainable chemistry for a sustainable industry (DE)

**15.30 Manfred Dunky, Xylo Technologies AG:**  
Chemistry in wood-based panels: actual situation, achievements, and challenges (DE)

**16:00 Fabian Meinker, Hywax GmbH:**  
Hydrophobic agents in the wood-based panel industry  
Wax dispersions as hydrophobic agents (EN)

## 16.30 Coffee break

## 17:15 - 18.45 Session IV | Chair: ALEN BUKVIĆ / Hywax GmbH

**17:15 Emma Pates, Metalube:**  
Evaluating chain and belt oil lubricants (EN)

**17.45 Yves-Marc Schade, stela Laxhuber:**  
New technology in panel board production, low-temperature belt dryer (DE)

**18:15 Alessandro Guercio, Turboden SpA:**  
ORC technology and industrial heat pump for energy efficiency and CO<sub>2</sub> reduction (EN)

**From 19.30 Hywax Exclusive Dinner for registered participants**

**20.00 Welcome Speech**

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FRIDAY, OCTOBER 14, 2022

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## 9.00 - 11.30 Session V | Chair: RAINER MARUTZKY / iVTH

### 9.00 Tunga Salthammer, Fraunhofer WKI:

A critical review of the TVOC value (DE)

### 9.30 Manuel Fleisch, Fagus GreCon:

How laser spectroscopy can make an innovative contribution to optimizing HCHO emission testing in factory production control (EN)

### 10.00 Bettina Meyer, Fraunhofer WKI:

WKI calculation model 2.0 - Formaldehyde emission of particleboards (DE)

### 10.30 Rainer Marutzky:

National and European requirements for VOC emissions from construction products: current state of art for wood-based panels (DE)

### 11.00 Three doctoral thesis, Fraunhofer WKI:

#### Carsten Aßhoff:

Additive manufacturing of structural timber made of wood by Individual Layer Fabrication (ILF) (EN)

#### Tobias Krenn:

A study on the utilization-effectiveness of spruce timber – bridging silviculture and mechanical properties (EN)

#### Christoph Pöhler:

Long-term durability and fire performance of CFRP-reinforced timber (EN)

## 11.15 Coffee Break and Poster Session

## 12.00 - 14.00 Session VI | Chair: KRIS WIJNENDAELE / EPF

### 12.00 Heiko Thoemen, Wood Composite Simulations GmbH:

Computer simulations in the wood-based panel industry (EN)

### 12.30 Peter Nilges, APOS GmbH:

Process monitoring using continuous spectroscopic inline measurement (DE)

### 13.00 Martin Direske, IHD Dresden:

Combination of convection and microwave drying for higher energy efficiency in cement-bonded particleboard (CBPB) production (DE)

### 13.30 Martin Benfer, Karlsruhe Institute for Technology KIT,

Christian Schrautzer, Pfeleiderer Deutschland GmbH,

Gregor Bernardy, Siempelkamp Logistics & Service GmbH:

Towards intelligent and sovereign use of data – Optimising wood-based panel production via data exchange along the supply chain (DE)

### 14.00 Kris Wijnendaele, EPF and Bo Kasal, Fraunhofer WKI:

Closing words

**14:15 End of the symposium and lunch at the hotel or packed lunch according to choice**

*Subject to change without prior notice.*