

THE Congress – NATURAL **fiber** EXTRACTION

Industrial processing of renewable raw and residual materials
Focus: Fiber extraction of natural fibers and biopolymers

OCTOBER 09 2024
LOOK 21 STUTTGART

Program

OPENING SESSION

Host: Prof. Dr.-Ing. Markus Milwich, DITF Denkendorf

- 08.30** Check-In, Welcome Coffee
- 09.00** Opening
Sadijah Steibli, Allianz Faserbasierte Werkstoffe e.V. (AFBW)
PD Dr. Thomas Stegmaier, DITF Denkendorf
Prof. Dr.-Ing. Markus Milwich, DITF Denkendorf
- 09.05** Welcome and Introduction
Minister Peter Hauk MdL, Ministry of Food, Rural Areas and Consumer Protection of Baden-Württemberg
- 09.15** Introduction to the project NaturalFIBER and Biopolymer BW
Sadijah Steibli, Allianz Faserbasierte Werkstoffe e.V. (AFBW)
PD Dr. Thomas Stegmaier, DITF Denkendorf
Prof. Dr.-Ing. Markus Milwich, DITF Denkendorf
- 09.20** Circular Bioeconomy in Baden-Württemberg: A perspective on natural fibers
Ref. 44 Bioeconomy, Ministry of Food, Rural Areas and Consumer Protection, Baden-Württemberg
- 09.30** Biobased Performance – Products based on unidirectional tapes from hemp fibers
Lovis Kneisel, FUSE GmbH
- 09.55** Requirements for high-quality hemp textiles
Robert Hertel, HempAge AG
- 10.20** BREAK – Visit the exhibition

SESSION 2A – ECOLOGY

Host: Prof. Dr.-Ing. Markus Milwich, DITF Denkendorf

- 14.15** Hemp textiles as sustainable alternative for Hotel industry
Gordana Stevanecvic, Steva Hemp Srls
- 14.40** Potential use of agricultural residues using the Lycocell process
Heinrich Menning, Thüringisches Institut für Textil- und Kunststoff-Forschung (TITK) e.V.
- 15.05** Circular Economy (due to a versatile crop) with decentral solutions
Matthias Schwarz, Rottal Hanf GmbH
- 15.30** BREAK – Visit the exhibition

SESSION 3

Host: PD Dr.-Ing. Thomas Stegmaier, DITF Denkendorf

- 15.55** Perpetually Renewable
Michael Marchuk, Ukrainian Hemp®
First Hemp Corporation LLC
- 16.20** Presentation of Groz-Beckert's staple fiber needling line and the possibility of processing natural fibers
Lisa Seifriz, Bruno Kuhl, Groz-Beckert KG
- 16.45** Hemp for high-value textile applications: progress on upscaling cultivation, harvesting and processing on the flax scutching line
Hanne Pappaert, Research center AgroFoodNature, University of Applied Sciences and Arts Ghent

SESSION 1

Host: PD Dr.-Ing. Thomas Stegmaier, DITF Denkendorf

- 10.50** HEMP FIBRE: from field to yarn
Maciej Kowalski, Kombinat Konopny
- 11.15** A sneak peek to industrial hemp processing
Alex Teodorescu, Cretes
- 11.40** Industrial Hemp Decortication for Nonwovens, geotextiles, bio plastics, insulation products, and the shive products for building, animal bedding
Dan Matthews, Macart Textiles (Machinery) Ltd
Caroline Matthews, Tatham Ltd
- 12.05** HD1300TEXTILE: the new generation of hemp decorticator designed for competitive and profitable local hemp value chains. update and perspectives
Pierre Amadieu, Hemp-Act SAS
- 12.30** LUNCH – Visit the exhibition

Visit our exciting natural fiber and biopolymers table fair.

SESSION 2B – FIBER EXTRACTION AND PROCESSING

Host: Valentine Troi, Grownlab – Universität Innsbruck

- 14.15** Towards the industrial development of the water retting technology: the WATER RETTING 4.0 project
Cristiana Moliterni, Council for Agricultural research and Economics – Research Centre for Genomics & Bioinformatics – Italy
- 14.40** BIO-RETTIN an efficient enzymatic processing of natural renewable bast fibre resources – tool of complex utilization of crop
Jan Marek, Martin Kyselka, INOTEX spol. s r.o.
- 15.05** Valorization of natural fibre extraction by-products
Francesco Faralli, CORMATEX S.R.L.
Fatih Bağkesen, FBK Technologies GmbH & Co. KG
- 15.30** BREAK – Visit the exhibition

- 17.10** Robotic Flax Construction – Digital enabling technology for the use of rapidly renewable building materials in architecture
Moritz Dörstelmann, Karlsruhe Institute of Technology (KIT) – Department of Architecture Institute of Design and Building Technology (IEB)

Event organizers:



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