



Forthcoming Events

PITA 'FOOD CONTACT' COURSE (Bury) – [Papers in this PDF](#)

21 May 2019

info@pita.co.uk

PAPER & BIOREFINERY (Graz) – [Papers in this PDF](#)

5-6 June 2019

<https://paper-biorefinery.com/>

PITA 'WASTEWATER TREATMENT' COURSE (Bury) – [Papers in this PDF](#)

11-12 June 2019

info@pita.co.uk

TECHNOLOGIE KRING (Apeldoorn) – [Papers in this PDF](#)

19-20 June 2019

www.technologiekring.nl

ZELLCHEMING (Frankfurt am Main)

25-27 June 2019

<https://zex.mesago.com/events/en.html>

PITA 'WEST END CHEMISTRY' COURSE (Bury) – [Papers in this PDF](#)

2-3 July 2019

info@pita.co.uk

CPI BIENNIAL HEALTH, SAFETY & INDUSTRY CONFERENCE (Kenilworth) – [Papers in this PDF](#)

9 July 2019

www.paper.org.uk/biennial

PITA 'FUNDAMENTALS OF PAPERMAKING' COURSE (Kappa SSK) – [Papers in this PDF](#)

16-18 July 2019

info@pita.co.uk

PITA MILL TOUR & VISIT (Two Rivers Paper Mill, Watchet)

18 July 2019

info@pita.co.uk



PRIMA 2019 (Prague)

17-18 September 2019

www.prima-paper.com – **PITA Members get 10% discount on Conference**

PITA 'MODERN PAPERMAKING' COURSE (Bury)

17-18 September 2019

info@pita.co.uk

MIAC (Lucca)

9-11 October 2019

www.miac.info/en/

PITA 'PUMP EFFICIENCY' COURSE (Bury) – Papers in this PDF

15 October 2019

info@pita.co.uk

PITA 'ENERGY OPTIMISATION' COURSE (Bury) – Papers in this PDF

5-6 November 2019

info@pita.co.uk

DITP (Slovenia) – Papers in this PDF (call for papers)

20-21 November 2019

ditp@icp-lj.si

PAPER ONE SHOW (Dubai)

13-15 January 2020

<https://paperoneshow.net/> – **PITA Members get 20% discount on Stands**

The full PITA Calendar of World Events can be found at:

<https://www.pita.org.uk/what-we-do/events-activities/calendar-of-world-events>



PITA COURSES

PITA Training & Conferences

Paper
Industry
Technical
Association

Cristina Lugli/Eugenio Cavallinio Ecol Studio presents. . . .

"An Introduction to Food Contact for the Paper & Packaging Industry"

What you need to know about Paper & Board Materials for Food Contact

21st May 2019 in the PITA Office (Bury)



Cristina is a Key Account Manager & Consultant for the paper and board sector at Ecol Studio, in particular for the European and International market. She is in charge of the Technical and legislative Support. She has 20 years experience in the paper industry, and she's involved in National and European Working Groups on paper and board, as (CEN) TC 172 / WG3 -Analytical methods for the assessment of Paper and Board in contact with foodstuffs, Ecolabel (paper products), the Food Contact Materials Working Group of Federchimica (Italian Federation of the chemical industry).



Eugenio is a Senior Consultant for Ecol Studio in the field of Food Contact Materials & Articles. He graduated in Chemistry and has been working in the Paper Industry for 35 years. Eugenio is also a member of staff at CEPI, acting as the Technical Manager for food contact and safety of paper products.

This course will focus on the scenario of paper and board materials and articles for Food Contact (P&B FCMs), and it is intended specifically for all operators along the paper and board supply chain: producers, converters and retailers; providing essential training for operators who wish to develop a better understanding of technical and legislative requirements in the Food Contact materials market.

PART 1 – LEGISLATIVE FRAMEWORK ON FOOD CONTACT MATERIALS AND ARTICLES

An introduction to the EU framework legislation:

- *Reg. (EC) No 1935/04*
- *Reg. (EC) No 2023/06 on Good Manufacturing Practices (GMP)*
- *EU Non-harmonized FCMs: regulatory situation and implications*
- *The role of national legislations*
- *Future perspectives*

PART 2 – TECHNICAL ASPECTS OF PAPER AND BOARD MATERIALS AND ARTICLES' COMPLIANCE

Compliance for the Paper and Board sector in being compliant:

- *Relevant documents for the Paper and Board Materials and Articles for Food Contact*
- *GMP for the Manufacture of Paper and Board for Food Contact (CEPI Guidance)*

How to comply with Food Contact regulations in the EU:

- *Overview, positive list, labelling & declaration of compliance for Food Contact materials*
- *Technical requirements on raw materials*
- *Testing on the finished products*
- *How to track the regulatory developments to ensure continued regulatory compliance*

Only £499 (plus VAT) per person for the one day course, including full course notes, refreshments & six months complimentary membership of PITA

ECOL
STUDIO

partnershipforleadership



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For further details or to book your place on this course, contact Helen in the PITA Office - (0300 3020 150 / Info@pita.co.uk)

PITA Training & Conferences

PITA & Graeme Finlayson present
"Fundamentals of Wastewater Treatment"
11th & 12th June 2019 / PITA Office / Bury

This Two Day course will focus on optimising biological treatment plants to meet BAT, reduce operating costs and generate revenue.

The course will be of relevance to any paper industry site operating or considering investment in an activated sludge plant, a biological filter or anaerobic digestion plant.

BAT8 covers the monitoring of 'key process parameters and of emissions to water and air'. Make sure you are ready for it with this course!



I liked the interactive nature and going through calculations and worked examples to apply the information we had just learnt.

The best aspect of the training was that it helped me to think about treatment in a more holistic way

Many thanks for what was a very well received couple of days. The way you adapted to the audience was excellent, Matt clearly has expertise that we would like to call on at some point

Day One:

- **Wastewater Characteristics:** What is COD, BOD, ammonia, phosphate?
- **Nutrient Addition:** Balancing nitrogen and phosphorus to achieve consent
- **Aerobic or Anaerobic:** Costs, income, reactor types
- **Troubleshooting:** Scaling, overloading, septicity

Day Two:

- **Activated Sludge Processes:** The importance of sludge age and how this affects settlement rates
- **Optimising Final Sedimentation Tanks:** Getting the most out of the final tank when settlement is poor
- **Microscopic Analysis of Activated Sludge:** What to look for and what it means
- **Filamentous Bulking Control Strategies:** Selectors and chemical addition

Only £650 (plus VAT) per person for the two day course, including full course notes, refreshments & six months complimentary membership of PITA (member discounts apply)

**For further details &
to book your place on this course,
contact Helen in the PITA Office
(0300 3020 150 / helen@pita.org.uk)**



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PITA Training & Conferences

Paper
Industry
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Association

Mark Smith presents. . . .

"PITA's Introduction to Modern Wet End Chemistry"

Everything you need to know about Colloid Chemistry on a Paper Machine

2nd & 3rd July in the PITA Office (Bury)



Mark gained a PhD in Colloid Science from the University of Bristol and then spent a few years in the oil industry before joining and working (*for over 30 years*) in Paper Industry. Having gained experience at McMillan Bloedel Research, Mead Central Research, UK Paper and Omya, he has been involved in problem-solving around Wet End Chemistry on Paper Machines around the world. By measuring colloidal properties and using these measurements, it is possible to solve a wide range of papermaking issues.

Course Objective:

Gain an understanding of how colloidal materials can be used and controlled to give you desired paper properties and improved paper machine efficiency.

Day 1—Morning:

Understanding & measuring colloidal properties

- *What are colloidal materials*
How colloidal systems are stabilised & de-stabilised
Measurements of colloidal properties & other related chemical properties
Use of these measurements to improve paper machine operations

Day 1—Afternoon:

Use of inorganic colloidal solids - Fillers

- *Type of fillers used in paper making*
Effect of fillers on paper properties & paper making
Recent developments to maximise filler use

Day 2—Morning:

Use of colloidal material to give desired paper properties

- *Strength additives*
Nanocellulose, starch, wet strength & dry strength additives
- *Shade control, Dyes & DBAs*
- *Surface modifications additives*
Wet end size, size press & coatings

Day 2—Afternoon

Control of colloidal material to improve paper machine efficiency

- *Control of undesirable colloidal materials*
Pitch, scaling & anionic trash
- *Improve retention of desired colloidal material*
Retention & drainage aids
- *Control of microbiological contaminants*
- *Yankee dryer chemistry*

Only £650 (plus VAT) per person for the one day course, including full course notes, refreshments & six months complimentary membership of PITA

For further details or to book your place on this course, contact Helen in the PITA Office - (0300 3020 150 / info@pita.co.uk)



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‘The Fundamentals of Papermaking’

An Introduction to the Operator Development Program

OVERVIEW

Date / Venue:

- 16th – 18th July 2019 / Venue – Smurfit Kappa SSK, Birmingham

Outline:

- This 2 ½ day course provides a fast track introduction to papermaking (limited to operations between ‘Mixing Chest’ & ‘Reel Up’). The intention is to raise the knowledge of process, technician & support staff to an intermediate level of shared understanding regarding modern Paper Machine operations.
- In addition to being valid as a standalone course, the course content also provides an introduction to the ‘Operator Development Program’ (ODP).
- Papierzentrum in Gernsbach also provides a bridge between the UK & German Training & Education systems.

Target Audience:

Machine operators, wet end operators, shift supervisors & trainees.

Running a paper production facility efficiently today, requires excellent know how from people involved in the process. This course will give participants up to date knowledge concerning all relevant processes involved. The course contents include:

- Machinery,
- Paper Chemistry
- The interaction of other production areas, including their impact on product, quality & Machine runability.

Course Fees¹:

- Course Fees, including full course documentation & refreshments
- Travel & Accommodation to be organised by the participant

£ 750.00 (plus Tax)

¹ **Note:**

Cancellation Policy

- Substitutions of Attendee may be made at any time.
- Cancellations made less than 14 days prior to the course date, or failure to appear, will result in forfeiture of the Course Fee.
- All Courses are subject to a ‘Minimum Attendance Level’ & delegates should avoid making non-refundable travel arrangements until their place on the Course has been confirmed.

Tuesday, 16th July 2019 (*Course Commences at 09:00 hrs*):

- Introduction to the Industry
 - Overview to the pulp, paper & packaging industry
 - Main figures of the national & international productions
 - Raw material & resource development
 - Changes in the raw materials, energy & production in the past
 - Paper technology in the future, main barriers & challenges
- Stock Approach Flow
 - Feed flow into the Stock Approach System
 - Stock approach system as a black box: which components are added & removed in the stock approach system & what is their influence on the paper making process.
 - Which parameters can be used for controlling the feed flows into the stock approach system
 - Effects of changes in the feed flows into the stock approach flow processing, overview
 - Stock & water loops
 - Stock flows & main parameters in the stock approach system
 - Water circulation & its effect on the runability & quality, overview
 - Machinery & build-up
 - Machineries used in the stock approach system & goals of them
 - Water circulation & its effect on the runability, wet end chemistry & quality
 - Impact on quality & runability
 - The influence on the stock & paper quality in the stock approach system.
 - Typical runability & quality problems related to wet end
- Head box
 - Distribution systems
 - Cross flow header/tapered header & central distributor differences & functions
 - Pulsation elimination tank
 - Design & types
 - Head box types limited to open, pressurised & hydraulic head boxes
 - Distribution channels, stock dilution system, mixing chamber, turbulence generator & lamellas
 - Efflux ratio
 - Control & adjustment of efflux ratio
 - Effect of the efflux ratio on the paper quality (fibre orientation & formation)
 - Turbulence generation
 - Different techniques for turbulence generation e.g. rectifier rolls & tube banks
 - Influence of the turbulence generation on the formation, paper quality & dewatering
 - Differences between macro & micro turbulences
 - The 'Slice'
 - Functions of the slice
 - Adjustment of the slice & its influence on the stock flow, paper quality & dewatering.
 - Velocity forming vs. pressure forming
 - Impact on paper machine runability & product quality
 - Adjustments of the head box & their effect on the paper machine runability & the paper quality
- Chemical additives in the wet end
 - Chemicals to enhance product quality

- Use of chemicals for improvement of e.g. strength or colour
- Dosage of chemicals: influences on the production
- Chemicals for runability improvement
 - Addition of retention aids, defoaming/de-aerators or bentonite & their influence on runability
- Introduction into fibre & wet end chemistry
 - Fundamentals of fibre chemistry: hydrogen bondages & reactive groups
 - Chemical fundamentals of wet end chemicals, which requirements exist for the use of wet end chemicals

Wednesday, 17th July 2019:

- Forming section
 - Single & multi-layer designs
 - Principles of different forming sections for different paper grades
 - Sheet forming fundamentals
 - Dewatering & concentration of particles through the forming section
 - Two-sidedness & its influence on the quality
 - Dewatering elements & vacuum system
 - Design of the dewatering elements e.g. foils, forming roll, forming table, suction boxes... & their influence on the dewatering & paper quality
 - Pressure impulses & their adjustment to improve the paper quality & runability
 - Retention
 - First pass & total retention, ash retention & influence on the productivity & quality
 - Impact on product quality & runability
 - Wire section impacts on the paper machine runability & the stock & water loops
 - Fabric considerations
 - Forming fabric fundamentals
- The Press Section
 - Press section designs
 - Different press section designs e.g. 3 nip system, 3+1 nip or shoe press system & their influence on the runability & quality
 - Fundamentals of pressing
 - Physics of pressing & dewatering in pressing section
 - Parameters effecting the pressing result
 - Press nips: grooved, blind drilled, shoe press
 - Press cylinder designs & dewatering principles of them
 - Press section impact on product quality & runability
 - Press section adjustments & their impact on the paper quality & runability of the paper machine
 - Press felts & conditioning
 - Fundamentals of press felts
- The Dryer Section
 - Fundamental of paper & board drying
 - Dewatering of bound water & fundamentals of paper drying
 - Paper grades & their impact on the drying result & steam consumption
 - Build-up of dryer groups single/double tier
 - Most typical cylinder drying systems & their differences
 - Water removal from the paper & hood in drying section for different systems
 - The Drying Cylinder
 - Construction of a drying cylinder & principle of heat transfer
 - Steam & condensate systems
 - Fundamentals of a steam-condensate system
 - Units & their principles in a steam-condensate system
 - Pocket Ventilation
 - Importance of pocket ventilation

- Dew point & 0-level
 - Fundamentals of dew point & 0-level in a drying section
 - Influence on the steam consumption & paper quality
- Dryer Section Operations
 - Drying section adjustments
- The Dryer Fabric & cleaning
 - Fundamentals of dryer fabrics
 - Cleaning systems for dryer fabrics
- Finishing
 - Online-Calendering fundamentals
 - Calendering effects on the paper quality
 - Parameters for adjusting calendering results
- Reel Up Systems
 - Reeling up systems & their function

Thursday, 18th July 2019:

- Introduction to Process Control
 - Computer Aided Process Simulation
 - “From mixing chest to reel-up”
 - Start-up the paper machine
 - Working with closed control loops
 - Adjust various machine parameters to improve product quality
- 12:30 hrs – Lunch
- 13:30 hrs – Course Review & Feedback
- 14:30 hrs – Departure

Registration & Booking Form

Course: Fundamentals of Papermaking (UK) - 2½ Days

Course Date / Venue: 16th to 18th July 2019 / Venue TBC

Details of Attendees:

<u>Name</u>	<u>Position</u>	<u>Years in Paper Industry</u>	<u>E-mail Address</u>
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Do you have any Special Dietary requirements, if so please specify:

Specific Interests (please feel free to list topics on a separate sheet):

What are you looking to gain from this Course? (please feel free to continue on a separate sheet):

Invoicing Details:

Invoice Address:

Purchase Order / Reference:

Invoice Contact:

Telephone:

E-mail Address:

Note

- All Courses are subject to a 'Minimum Attendance Level' & delegates should avoid making non-refundable travel arrangements until their place on the Course has been confirmed.
- Substitutions of Attendee may be made at any time.
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PITA Training & Conferences

Paper
Industry
Technical
Association

“Pumping Systems Energy Efficiency Workshop”

Essential Knowledge for Everyone Working with Pumps

15th October 2019 / PITA Office, Bury

Who should attend:

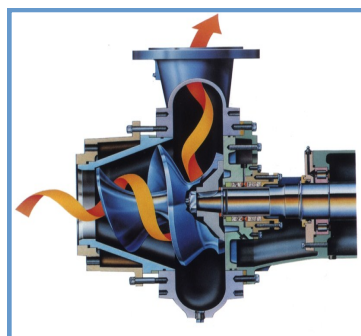
*Energy Managers & Coordinators
Operations Supervisors & Managers
Plant & Process Engineers
Maintenance Personnel*

Energy efficiency of pumping systems is important in that energy efficiency is one of the most important factors in determining pump reliability and maintenance costs. Consequently, energy inefficiency in pump systems increases operating costs due to:

- Higher energy use and cost
- Increased maintenance costs
- Failure (reduced reliability affecting production schedules)

There are many reasons for low energy efficiency of pump systems. Several of these can be identified by simple measurements such as flow, power consumption and total pump head. Other reasons for low efficiency may require a detailed analysis of the pump system to identify specific issues and what steps to take to resolve these issues.

This course is designed to show how to measure pump efficiency so that pump systems are operated at high efficiency following remedial action when the data shows that there is a cost benefit from this action.



C o n t e n t s

- The relationship between Energy Efficiency and Reliability
- How to assess Pump System Efficiency; what measurements need to be taken and the possible problems in taking these
- How to use the data generated
- What surveys show in terms of Pump System Efficiency - typical efficiency in pump systems
- Options to improve efficiency after finding that a system is inefficient
- The pros and cons of Variable Speed Drives
- How to measure pump failure rates, so that improvements can be tracked



Only **£440** per person including full course notes, refreshments and six months complimentary subscription to Paper Technology. Member discounts apply

For further details or to book your place on this course, contact Helen in the PITA Office
(0300 3020 150 / info@pita.co.uk)



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PITA Training & Conferences

Kate Leach presents

"Energy Optimisation"

Essential Cost Saving Knowledge for All involved in the Paper Industry

5th & 6th November 2019 / PITA Office / Bury



This **Intensive Two Day Course** focuses on **Modern Energy Optimisation Techniques** specifically relevant to the production of Paper, Fibre-based Packaging Products and Converting. Starting from an up to date overview of the Energy Market, the course provides essential background knowledge for anyone (manufacturer or supplier) who is involved in the implementation of **Energy Saving / Carbon Emissions Reduction** strategies throughout the Fibrous Forest Products Sector. The content of this course is highly interactive, allowing the discussion to focus on the key areas of interest relevant to the attendees.

A great primer/motivator for those looking to increase Energy Efficiency.

Day One:

- **Energy & Trends:** A look at energy trends locally and globally.
- **Motors:** Understanding how motors work, to make them work more efficiently in our mills.
- **Context & Scale:** Looking at energy use in the Home, Office and Industry.
- **Processing & Pumping Efficiency:** Learning how to spot process inefficiencies in pumps.

Day Two:

- **Dewatering:** Relative costs of water removal throughout the papermaking process, how small changes can bring about big savings.
- **Employee Engagement:** The importance of involving the whole workforce in energy optimisation and some tools to do this.
- **Compressed Air:** How to ensure one of the largest single energy users in the mill is working optimally.
- **Refining:** A background to refining leading on to an understanding of how to optimise refining results whilst minimising energy requirements.
- **Energy Generation:** Generation options for the paper industry (including: heat exchangers and steam systems).

Only £650 (plus VAT) per person, including full course notes, refreshments & six months complimentary membership of PITA. Member discounts apply.

**For further details &
to book your place on this course,
contact Helen in the PITA Office
(0300 3020 150 / helen@pita.org.uk)**

**Paper
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Kate is an effective and entertaining trainer with a thorough and grounded knowledge of papermaking processes with good insight into the world of soft tissue manufacture.

I can honestly say that after 38 years in the paper industry and having attended a large number of courses this was truly one of the best both in terms of content and supporting material.



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PAPER & BIOREFINERY

CONFERENCE 5 - 6 June 2019, Graz TRADE SHOW



PROGRAMME

PROGRAMM

CIRCULAR BIOECONOMY. Being the forerunner!

A JOINT INITIATIVE BY:



OVERVIEW2

WEDNESDAY, 5 JUNE3

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PROGRAMME OVERVIEW / PROGRAMMÜBERBLICK

TUESDAY, 4 JUNE

GET TOGETHER @ TU GRAZ MENSA "ROOFTOP"

19.00 Get-together on the evening before the conference

WEDNESDAY, 5 JUNE

OPENING

9.00-10.15 Welcome & Award Ceremony

ECONOMY.FORUM

10.45-12.30 **CIRCULAR BIOECONOMY**
Statements and dialogue featuring renowned experts from different fields

12.30-13.40 Lunchtime **RECEPTION BY THE MAYOR**

TECHNOLOGY. FORUM 1

13.40-15.20

**PULP
PRODUCTION**

15.50-17.30

**INDUSTRIAL INTERNET
OF THINGS (IIOT)**

KNOWLEDGE. FORUM

**FORESTRY AND
CLIMATE CHANGE**

**BIO-BASED
PRODUCTS**

SCIENCE. FORUM

**LET'S TALK
SCIENCE**

-

CONFERENCE DINNER @ ALTE UNIVERSITÄT

20.00 Festive dinner at the end of the first conference day

THURSDAY, 6 JUNE

TECHNOLOGY. FORUM 2

9.00-10.40

11.10-12.50

13.15-14.30

**PAPER
PRODUCTION,
ADDITIVES AND
COATING**

TECHNOLOGY. FORUM 3

**BIO-BASED
MATERIALS**

**GLOBAL TRENDS
AND ENERGY**

from 14.30

Food & drink is served at the **CLOSE** of the conference

OPENING

9.00-10.15	WELCOME / AWARDS	ROOM 12
<p>CHAIR: Ernst Sittinger – Kleine Zeitung</p> <p>WELCOME:</p> <p>Hosts:</p> <ul style="list-style-type: none">• Wolfgang Bauer.....Chairman of APV Graz• Kurt MaierPresident of ÖZEPA• Christian SkilichPresident of Austropapier <p>Hermann Schützenhöfer – Governor of Styria</p> <p>AWARD CEREMONY:</p> <p>ÖZEPA Occupational Safety Awards</p> <p>Heinzel-Mondi-Sappi Award</p>		

SIMULTANEOUS
TRANSLATION
PROVIDED

10.15-10.45 PAUSE

ECONOMY.FORUM



10.45-12.30	CIRCULAR BIOECONOMY	ROOM 12
<p>CHAIR: Ernst Sittinger – Kleine Zeitung</p> <p>KEYNOTE STATEMENTS & DIALOGUE:</p> <p>Emmanuelle Maire Directorate-General for Environment, European Commission/B</p> <p>Tanja Dietrich-Hübner Director Sustainability, REWE International AG/A</p> <p>Herbert Anzenberger Business Manager Pulp & Paper, Kemira/A</p>		

SIMULTANEOUS
TRANSLATION
PROVIDED

12.30-13.40 **RECEPTION BY THE MAYOR:** Lunchtime reception by invitation of Siegfried Nagl, Mayor of Graz (PAUSE)

Parallel sessions: **KNOWLEDGE.FORUM** (Forestry and Climate Change, Bio-based Products) -> S. 5
SCIENCE.FORUM (Let's talk science) -> S. 6

TECHNOLOGY.FORUM 1



PULP PRODUCTION

ROOM 12

TF1/01	13.40	Recovery boiler chemistry optimization utilizing green liquor analyzer and combustion cameras <ul style="list-style-type: none">• <u>Timo Laurila</u>, Jarmo Mansikkasalo, Mikko Leskinen – Valmet Automation Oy/FIN
TF1/02	14.05	Economic Fundamentals of Ozone Bleaching <ul style="list-style-type: none">• Emil Germer – Saint-Petersburg State Forest Technical University/RUS• <u>Alexis Métais</u> – Xylem/F
TF1/03	14.30	Using a refractometer for measuring the performance of fiberline processes <ul style="list-style-type: none">• <u>Riku Kopra</u> – South-Eastern Finland University of Applied Sciences (XAMK)/FIN• Simo Karjalainen – Andritz Oy/FIN• Aalto University, School of Chemical Technology/FIN
TF1/04	14.55	HMS Award Winner Presentation – PULPING PROCESS

15.20 PAUSE

INDUSTRIAL INTERNET OF THINGS (IIOT)

ROOM 12

TF1/05	15.50	Details to follow
TF1/06	16.15	Industry 4.0 – a holistic approach to industrial manufacturing <ul style="list-style-type: none">• <u>Klaus Glatz</u>, <u>Klaus Blechinger</u> – ANDRITZ AG/A
TF1/07	16.40	Collaborative Operations for performance improvement in the Pulp and Paper Industry <ul style="list-style-type: none">• Steven St-Jarre – ABB AG/A
TF1/08	17.05	An Open IIoT Ecosystem in a Board Production <ul style="list-style-type: none">• Engelbert Schrapp – Siemens AB/S

17.30 **End of the first conference day**
(8 pm: CONFERENCE DINNER @ ALTE UNIVERSITÄT)

Parallel sessions: **TECHNOLOGY.FORUM 1** (Pulp Production, Industrial Internet of Things (IIoT)) -> S. 4
SCIENCE.FORUM (Let's talk science) -> S. 6

KNOWLEDGE.FORUM 1+2



1: FORESTRY AND CLIMATE CHANGE

ROOM 11

- | | | |
|-------|--------|---|
| 13.40 | KF1/01 | Geänderte Rahmenbedingungen der Waldbewirtschaftung durch die Klimaveränderung <ul style="list-style-type: none">Günter Rössler – Federal Research Centre for Forests (BFW) Vienna/A |
| 14.05 | KF1/02 | Wood production through a tree breeders' eye: current challenges and future prospects <ul style="list-style-type: none">Jan-Peter George – Federal Research Centre for Forests (BFW) Vienna/A |
| 14.30 | KF1/03 | Climate change in the alpine region: What do we have to expect in the coming decades? <ul style="list-style-type: none">Andreas Gobiet – Central Institution for Meteorology and Geodynamics/A |
| 14.55 | KF1/04 | Climate smart forestry in Europe <ul style="list-style-type: none">Kauppi Pekka – University of Helsinki/FIN |

15.20

PAUSE

2: BIO-BASED PRODUCTS

ROOM 11

- | | | |
|-------|--------|--|
| 15.50 | KF2/01 | Details to follow |
| 16.15 | KF2/02 | Biobased raw materials in coating industry: hype or reality? <ul style="list-style-type: none">Christoph Auner – Rembrandtin Lack GmbH Nfg. KG/A |
| 16.40 | KF2/03 | New applications for lignin: Property design for polymeric binders by chemical modification <ul style="list-style-type: none"><u>Lydia Alexandra Heinrich</u>, Stefan Friebe – Fraunhofer WKI Institute for Wood Research/D |
| 17.05 | KF2/04 | Evolution to a modern biorefinery <ul style="list-style-type: none"><u>Andreas Praznik</u>, Josef Schuberth, Ralf Gericke – Agrana Stärke GmbH/A |

17.30

End of the first conference day
(8 pm: CONFERENCE DINNER @ ALTE UNIVERSITÄT)

Parallel sessions: **TECHNOLOGY.FORUM 1** (Pulp Production) -> S. 4
KNOWLEDGE.FORUM 1 (Forestry and Climate Change) -> S. 5

SCIENCE.FORUM



LET'S TALK SCIENCE

ROOM 14

- | | | |
|--------|-------|--|
| SF1/01 | 13.40 | Adsorption and desorption of organic molecules from thin cellulose films <ul style="list-style-type: none">• <u>Robert Schennach</u>, Elias Henögl – Graz University of Technology/A |
| SF1/02 | 14.05 | Enzymes in Circular Cellulose Fibre Biorefinery <ul style="list-style-type: none">• <u>Oskar Haske-Cornelius</u>, Renate Weiß, Sara Vecchiato, Gibson S. Nyanhongo – University of Natural Resources and Life Sciences (BOKU)/A• Wolfgang Bauer – Graz University of Technology/A• Georg M. Guebitz – Austrian Centre for Industrial Biotechnology (ACIB)/A |
| SF1/03 | 14.30 | Oxidative treatment of TEMPO modified cellulose fibers using potassium peroxymonosulfate for enhancing color stability and fibrillation yield <ul style="list-style-type: none">• <u>Jaka Levanič</u>, Ida Poljanšek, Primož Oven – University of Ljubljana/SLO |
| SF1/04 | 14.55 | The Role of Endo-Cellulase's Binding Affinity in Modification of Cellulose Fibers for Bio-based Products <ul style="list-style-type: none">• <u>Sachin Badakh</u> – Mercer Pulp Products/D• Helga Zollner-Croll – Hochschule München/D |

15.20 PAUSE

Parallel session: **TECHNOLOGY.FORUM 3** (Bio-based Materials, Biorefinery, Global Trends and Energy) -> S. 8

TECHNOLOGY.FORUM 2



PAPER PRODUCTION, ADDITIVES AND COATING /1

ROOM 12

TF2/01	9.00	Photographic Online-Wear-Measurements of Forming Fabrics for Evaluation of Wear and Power Consumption <ul style="list-style-type: none"> Stefanie Hänisch – J. M. Voith SE & Co. KG/D Till Hänisch – Duale Hochschule Baden-Württemberg/D
TF2/02	9.25	Improved Paper Mill Performance via Advanced Data Analytics and Advance Process Controls <ul style="list-style-type: none"> Hannu Lätti, Samuli Lehtonen – Valmet Oy/FIN Wolfgang Schuessler – Valmet GmbH/D
TF2/03	9.50	Voith NipcoFlex shoe press & press-sleeve, a combination for success <ul style="list-style-type: none"> Frank-Michael Raab – J. M. Voith Paper SE & Co. KG/D
TF2/04	10.15	Laakirchen PM10. Transformation – results after one year of operation <ul style="list-style-type: none"> Jan Reibert – Laakirchen Papier AG/A Michael Pichler – ANDRITZ AG/A

10.40 PAUSE

PAPER PRODUCTION, ADDITIVES AND COATING /2

ROOM 12

TF2/05	11.10	PrimeLineTIAC – A birthplace for innovations <ul style="list-style-type: none"> Klaus Gissing – ANDRITZ AG/A
TF2/06	11.35	Foam as a carrier fluid in papermaking <ul style="list-style-type: none"> Jani Lehmonen, Antti Koponen, Elias Retulainen – VTT Technical Research Centre of Finland/FIN Karita Kinnunen-Raudaskoski – Paptic Ltd/FIN Jouni Paltakari – Aalto University/FIN
TF2/07	12.00	Multilayer Curtain Coating- concept for perfect contour coating <ul style="list-style-type: none"> Erich Kollmar – Bellmer GmbH/D Maick Nielsen – TSE Troller AG/CH
TF2/08	12.25	HMS Award Winner Presentation – PAPER AND BOARD MAKING PROCESS

12.50 PAUSE

PAPER PRODUCTION, ADDITIVES AND COATING /3

ROOM 12

TF2/09	13.15	Mineral recovery from pulp and paper mill waste streams <ul style="list-style-type: none"> Johannes Kritzing – Omya International AG/CH Michael Pohl – Omya GmbH/A
TF2/10	13.40	Developments in Pea Starch and derivatives <ul style="list-style-type: none"> Eric Khater, Nicolas Leroy – Roquette Frères/F
TF2/11	14.05	Deposit control with Functional Bacterias <ul style="list-style-type: none"> Frank Dürkes, Stefan Franke – Servophil AG/CH

14.30 CLOSE OF THE CONFERENCE

Parallel session: **TECHNOLOGY.FORUM 2** (Paper Production, Additives and Coating) -> S. 7

TECHNOLOGY.FORUM 3

BIO-BASED MATERIALS /1

ROOM 11

TF3/01	9.00	Comparative Study of MFC Production using Various Pulp Types <ul style="list-style-type: none"> • <u>Laura Vargas Agüero</u> – Enhanced Compliance Inc./CR • Anke Lind, Helga Zollner-Croll – Hochschule München/D
TF3/02	9.25	Using nanocellulose to improve paper properties <ul style="list-style-type: none"> • <u>Janja Juhant Grkman</u>, Bojan Borin – Pulp and Paper Institute/SLO • Matjaž Kunaver – National Institute of Chemistry/SLO • Primož Oven – University of Ljubljana/SLO
TF3/03	9.50	Biopolymers used as Functional Barriers – An Analytical Point of View <ul style="list-style-type: none"> • <u>Andrea Walzl</u>, Samir Kopacic, Wolfgang Bauer, Erich Leitner – Graz University of Technology/A
TF3/04	10.15	Biobased barriers on paper substrates and their impact on recyclability <ul style="list-style-type: none"> • <u>Marcel Haft</u>, Lydia Tempel – Papiertechnische Stiftung/D

10.40 PAUSE

BIO-BASED MATERIALS /2

ROOM 11

TF3/05	11.10	HMS Award Winner Presentation – CASCADED USE OF WOOD
TF3/06	11.35	Towards a simulation model to explore the economic framework conditions and challenges for novel lignin applications and innovative lignin-based products <ul style="list-style-type: none"> • <u>Julia Wenger</u>, Tobias Stern – University of Graz/A
TF3/07	12.00	Yield of talloil as a significant value stream for a kraft pulp mill biorefinery <ul style="list-style-type: none"> • <u>Hannu Hämäläinen</u>, Timo Oja – Solenis Finland Oy/FIN • Reidar Öberg – Solenis Sweden Ab/S
TF3/08	12.25	Kraft Lignin based Redox-Flow Batteries <ul style="list-style-type: none"> • <u>Werner Schlemmer</u>, Stefan Spirk – Graz University of Technology/A • Philipp Nothdurft, Wolfgang Kern – Montanuniversität Leoben/A

12.50 PAUSE

GLOBAL TRENDS AND ENERGY

ROOM 11

TF3/09	13.15	China's waste ban and impacts on the circular bio-economy with a focus on the pulp and paper industry <ul style="list-style-type: none"> • <u>Arne Kant</u> – Pöyry Management Consulting/D • Lei Wang – Pöyry Management Consulting/FIN
TF3/10	13.40	Effect of structural changes on energy efficiency in the Finnish pulp and paper industry <ul style="list-style-type: none"> • Satu Kähkönen, <u>Katja Kuparinen</u>, Esa Vakkilainen – Lappeenranta University of Technology/FIN
TF3/11	14.05	Digitalization enhanced efficiency of steam generation in paper mills <ul style="list-style-type: none"> • <u>Roman Klug</u> – AutomationX GmbH/A • Peter Fisera – CF ProcSim GmbH/A

14.30 CLOSE OF THE CONFERENCE

SOCIAL EVENTS (NETWORKING)

GET TOGETHER @ TU GRAZ (MENSA "ROOFTOP")

Early bird participants are welcome to join us for a get-together on the evening before the conference – a wonderful opportunity to meet and greet new and old friends in a pleasant and relaxed atmosphere. The meeting point this year is the Graz University of Technology. Here the Mensa "Rooftop" offers the setting for a convivial evening with panoramic view.

Date: Tuesday, 4 June at 7 pm
Place: TU Graz – Mensa „Rooftop“
Stremayrgasse 16, 8010 Graz
Charge: € 30.00 per person (incl. VAT)
Participation is NOT included in the conference fee

Please register by 25 May!

Früh anreisende TeilnehmerInnen treffen sich traditionell bereits am Vorabend der Tagung zum Get-together, um in angenehmem Umfeld Kontakte zu knüpfen oder zu vertiefen. Ihr Treffpunkt wird dieses Jahr die Technische Universität Graz sein. Die Mensa „Rooftop“ bietet den Rahmen für einen gemütlichen Abend mit herrlichem Ausblick.

Termin: Dienstag, 4. Juni um 19 Uhr
Ort: TU Graz – Mensa „Rooftop“
Stremayrgasse 16, 8010 Graz
Kosten: € 30,00 pro Person (inkl. USt.)
Die Teilnahme ist NICHT in der Tagungsgebühr inkludiert

Anmeldung bis 25. Mai erforderlich!



CONFERENCE DINNER @ ALTE UNIVERSITÄT

We will let the first congress day end in good company and a special setting: The 17th century "OLD UNIVERSITY" is a gem in the historical heart of Graz. The event centre offers superb catering and friendly service in an impressive ambience.

The governor of Styria, Hermann Schützenhöfer, warmly invites you to an aperitif.

Date: Wednesday, 5 June
at 8 pm (Admission: 7.30 pm)
Place: ALTE UNIVERSITÄT GRAZ
Hofgasse 14, 8010 Graz
www.alte-universitaet.at
Charge: € 66.00 per person (incl. VAT)
Participation is NOT included in the conference fee

Please register by 25 May!

Lassen Sie den ersten Kongresstag in bester Gesellschaft und besonderem Rahmen ausklingen: Die im 17. Jahrhundert errichtete "ALTE UNIVERSITÄT" gilt als Juwel im historischen Herzen von Graz. Das Haus überzeugt mit erstklassigem Catering und herzlichem Service vor einem zeitlos beeindruckenden Ambiente.

Zum Aperitif lädt Hermann Schützenhöfer, Landeshauptmann der Steiermark.

Termin: Mittwoch, 16. Mai
um 20 Uhr (Einlass: 19.30 Uhr)
Ort: ALTE UNIVERSITÄT GRAZ
Hofgasse 14, 8010 Graz
www.alte-universitaet.at
Kosten: € 66,00 pro Person (inkl. USt.)
Die Teilnahme ist NICHT in der Tagungsgebühr inkludiert

Anmeldung bis 25. Mai erforderlich!



TECHNOLOGIE KRING



INTERNATIONAL SEMINAR 2019
TECHNOLOGIEKRING Paper & Board Industry
‘Raw materials and stock preparation’

Location: Van der Valk Hotel Apeldoorn-De Cantharel, Van Golsteinlaan 20 7339 GT
Apeldoorn

June 19th (Wednesday afternoon) | June 20th (Thursday morning)
Preliminary program

June 19th (Afternoon, Day 1)

13:00		Welcome and opening by Jan Pille, Royal VNP Introduction new website Technologie Kring
13:10		Setting the theme ‘Raw materials and stock preparation’ by the chairman of the day, Walter Hulshof, managing director Industriewater Eerbeek
Masterclass		Young Talent & General issues
13:30		Brexit – The Effect of the Big Blue Monster on Papermaking in the UK by Andrew Large (Director General of the CPI)
13:50		3D printing of lignocellulosic materials: from nanofibre hydrogels to structured biocarbons by Dr. Davide Beneventi, CNRS, Laboratoire de Génie des Procédés Papetiers
14:10		Plant properties of the various wood fibers by Andries van Eckveld, Van Hall Larenstein/Innovita-Advies
Masterclass		Water as raw material
14:30		Polishing bio-effluent to liner processwater by Walter Hulshof, Industriewater Eerbeek Making polished bio-effluent and paper machine production fit for liner production purpose by Alfons Koelen, DS Smith Discussion afterwards
15:15		Break & tessel
Masterclass		Pulpers as raw material
15:45		Up-date pulpers by Oliver Lüdtke, Voith
16:05		Small investment with a big impact by Harald Bauer, ANDRITZ Pulping Rebuilds
16:25		Repulping Aids – New opportunities for the Recovered Paper Industry by Bernhard Nellessen, Solenis Technology Germany GmbH
16:45		Junk Trap or Trashwell? Reducing maintenance costs in pulper detrashing by using fewer but better valves by Francois Rui, Kadant lamort

16:55		Break & Snack
17:15 <i>Workshop Pulping</i>		<ul style="list-style-type: none"> * DS Smith De Hoop, Ben Kortekaas * Neenah Coldenhove, Gert van Beek * ESKA, Bert Uil * Stora Enso Langerbrugge, Patrick de Wilde * VPK, Ann Deschildre * PF Doetinchem, Frank Uittenbogaard
18:15		Networking at the technology market
19:00		Informal BBQ in first class networking atmosphere and official ceremony Technologie Kring Award June 2019



INTERNATIONAL SEMINAR 2019
TECHNOLOGIEKRING Paper & Board Industry
'Raw materials and stock preparation'

**Location: Van der Valk Hotel Apeldoorn-De Cantharel, Van Golsteinlaan 20 7339 GT
Apeldoorn**

June 19th (Wednesday afternoon) | June 20th (Thursday morning)
Preliminary program

June 20th (Morning, Day 2)

8:45		Opening by the chairman of the morning session by Leon Joore, Natural fiber Application Center
Masterclass		Starch
9:00		Effect of water quality on starch performance by Koen Homburg, ADM
9:30		Cationic starch booster by Franco Faleschini, Kemira
Masterclass		Sorting, screening & cleaning
9:50		Reconsidering screening technologies & fractionation with BoostTEK disruptive innovation by Francois Rui, Kadant Lamort
10:20		Break & tetsell
10:40		Profile control in relation to customer problems by Hugo Geerdinck, Neenah Coldenhove
Masterclass		Refining
11:00		Pulping and refining in combination with our new Mill Process Solution (since the acquisition of GL&V) by Valmet
11:20		Robotization in paper industry by Improvia
11:40		End of seminar and take away lunch

Program updates: www.technologiekring.nl - Program is subject to changes



**VNP Millvision seminar
19th en 20th of June 2019**

Registrationform

Name:		Invoice adress (in case different)	
e- mail:			
Company:		Company:	
Adress:		Adress:	
PC&City:		PC&City:	
Tel.no.		Tel.no.	
VAT no.		VAT no.	

- ☐ I register for the seminar of the 19th and 20th of June 2019 and pay € 490,-
- ☐ I will attend the dinner on day 1 (inclusive)
- ☐ I register for the takeaway lunch on day 2 (inclusive)
- ☐ Please make a hotelreservation for me (exclusive)

*Dinner 19th of June and lunch 20th of June are included, excl. VAT. Please note: hotel rooms can be reserved through us until Wednesday, May 22nd 2019, after this day your room is not guaranteed!
Overnight stay hotel NOT included. Cancelling costs: hotelroom charges, if booked.*

Signature:



CPI HEALTH, SAFETY & INDUSTRY CONFERENCE

CPI Biennial Health, Safety and Industry Conference

'Keeping our people safe, motivated and informed'

Tuesday 9 July 2019

Chesford Grange Hotel, Kenilworth

PROGRAMME

Key Speakers



Opening Key Note Address
Miles Roberts, Group Chief Executive,
DS Smith plc



PABIAC Strategy 2019 – 2023 Official Launch
Martin Temple CBE,
HSE Chair

Plenary Session



Richard Stanton MBE

Richard (Rick) is a British civilian cave diver who specialises in rescues through the Cave Rescue Organisation and the British Cave Rescue Council.

In 2018 he played a leading role in the Tham Luang youth soccer team cave rescue. Rick and diving partner John Volanthen were the first to make contact with the team and played a leading role in the successful rescue thereafter.

Rick will give an unforgettable presentation, drawing on his experiences as a diver over many years. He will use the cave rescue last year to illustrate how he managed the risks, planning, emergency planning, teamwork, leadership, and the importance of the support needed to carry out this delicate rescue.

Main Event Sponsors:



Programme Sponsors:



Marquarie Investment Bank



CPI Biennial Health, Safety and Industry Conference

'Keeping our people safe, motivated and informed'

Programme of Events

Monday 8 July 2019

Garden and Terrace

18:30 – 19:30 Drinks Reception
19:30 – 21:30 BBQ

Tuesday 9 July 2019

Kenilworth Foyer / The Grange

08:00 – 09:00 Registration and Exhibition

Events Centre Foyer

08:00 – 09:00 Sponsors Breakfast Sessions

Kenilworth Suite

09:15 – 09:20 **Conference Introduction**
Andrew Braund, Director of Health & Safety, CPI

09:20 – 09:50 **Opening Key Note Address**
Miles Roberts, Group Chief Executive, DS Smith plc

09:50 – 10:15 **PABIAC Strategy 2019 – 2023 Official Launch**
Martin Temple CBE, HSE Chair

10:15 – 10:40 **The Future of UK Manufacturing**
Niall Mackenzie, Director, Infrastructure & Materials, BEIS
Seamus Nevin, Chief Economist, Make UK

The Grange

10:40 – 11:10 Coffee Break and Exhibition

Syndicate Rooms

11:15 – 12:30 Pre-booked sessions (see sessions opposite)

The Grange

12:30 – 13:30 Lunch and Exhibition

Syndicate Rooms

13:35 – 14:45 Pre-booked sessions (see sessions opposite)

The Grange

14:45 – 15:10 Coffee Break and Exhibition

Kenilworth Suite

15:15 – 16:00 **Plenary Session**
Richard Stanton MBE

16:00 – 16:15 **Challenges Ahead**
Andrew Large, Director General, CPI

16:15 – 16:30 **Closing Address**
Richard Coward, CPI President

HEALTH AND SAFETY PROGRAMME	SESSION 1	11:15
	<i>Leadership, engagement and collaboration</i>	
	It is recognised that health, safety and well-being management systems are most successful if they're embedded in an organisation's culture – if everyone, from the shop floor to the boardroom is engaged and committed to making it work. Top management leadership ensures that an organisation has in place a sound, functional management system that incorporates commitment, responsibility and accountability.	Speakers: Paul Freeman Director Paul Freeman Enterprises Terry Stears Risk Director Portals Overton
	In this session you will hear how you can develop, lead and promote a positive health and safety culture within your company, and how one company gained ISO 45001 accreditation, and is applying the new standard within the organisation.	George Craig EHS Manager Portals Overton

INDUSTRY PROGRAMME	SESSION 4	11:15
	<i>Labour Skills Diversity</i>	
	Changes in manufacturing technology, together with the impact of Brexit on cross-European labour movement and the challenges of attracting new recruits into manufacturing are all impacting on the future prospects of the UK's Paper-based Industries.	Speakers: Phillipa Foster Back CBE Director, Institute of Business Ethics David Nicholson Group HR Director, James Cropper PLC
	This session will look at how the industry will meet its future needs for labour and skills, with particular reference to improving diversity and enabling the industry to recruit from all sections of society.	Professor Bill Sampson Head of School of Materials, University of Manchester Janet Marshall HR Manager Arjowiggins

HEALTH AND SAFETY PROGRAMME	SESSION 7	13:35
	<i>Leadership, engagement and collaboration</i>	
	Leadership, engagement and collaboration extends to more than just safety, and if we are to embrace ill-health, stress and mental well-being as part of our agenda, we need to ensure we have the right attitude and necessary skills.	Speakers: Dr Carolyn Yeoman Highley Yeoman Limited
	The speakers in this session will discuss leadership, engagement and collaboration in its broadest terms, and how a different approach to measuring a company's health and safety performance goes beyond measuring accident/incident rates.	Bud Hudspith National H&S Advisor Unite the Union

INDUSTRY PROGRAMME	SESSION 10	13:35
	<i>Recyclability & Extended Producer Responsibility</i>	
	Since the last CPI Conference, a swathe of environmental legislation has been passed or is being considered, which will impact our industry. Driven by public and political sentiment, the EU Circular Economy Package, which the UK Government has indicated it will transpose come what may with Brexit, demands increasing paper and board recycling rates and a significant additional contribution to the funding of collections by producers.	Speakers: Dr Adam Read External Affairs Director, SUEZ Phil Conran Chair, Defra Advisory Panel on Packaging (ACP)
	In addition, the Resources and Waste Strategy, Deposit Return Schemes, the Single Use Plastics directive, Consistent Collections and proposed changes to the current EPR system are all likely to have impact and bring change.	Kevin Vyse Director, OPRL Ltd

SESSION 2	11:15
<i>Work-related stress, health and well-being</i>	
<p>We shouldn't see health and well-being as something different than safety. With a safety issue we look at protecting the person from a physical hazard, but organisations should look closely at what they are doing to protect the person from a psychological hazard.</p> <p>Dr Sarah Hattam is a practicing GP with a special interest in workplace health, well-being and especially mental health and work (and non-work) related stress. In this interactive session, Sarah will talk about the common issues she deals with on a daily basis, while Cristina will highlight the impact of fatigue and shift work on performance, and the countermeasures that organisations can introduce.</p>	<p>Speakers:</p> <p>Dr Sarah Hattam Concilio Health</p> <p>Dr Cristina Ruscitto Senior Researcher Clockwork Research</p>

SESSION 3	11:15
<i>Vehicle, material movement and storage stability</i>	
<p>Over recent years there has been a steady increase in the number of transport and material related incidents, some of which have resulted in serious injury. Vehicle and material movement doesn't stop when loads leave the site, and companies still have a responsibility for the material they transport when on the road.</p> <p>This session will start with a case study and how, following an incident, one company reviewed its whole internal transport procedures and the measures it has since implemented. This will be followed by Andy Binns who will give an insight into the role of Highways England and dealing with the aftermath of a load shift incident.</p>	<p>Speakers:</p> <p>Mark Ryan Group Health, Safety and Environment Manager Logson Group</p> <p>Andy Binns Traffic Officer Highways England</p>

SESSION 5	11:15
<i>Environmental Permitting</i>	
<p>With high impact changes to environmental permitting on the horizon, this session will discuss the way forward for sector permits with the integration of Abstraction Licencing into mill permits, defining UK BAT & BAT AELs, requirements for hitherto exempt activities such as waste paper depots, to apply for permits.</p> <p>Changes to sector permits brings in a requirement for sites to produce Fire Prevention Plans. The session will hear from the Wood Recyclers Association who have produced a Sector Guide on writing Fire Prevention Plans in collaboration with the EA.</p>	<p>Speakers:</p> <p>Julie Dracup Senior Advisor; Abstraction, EA</p> <p>Spence Seaman Senior Advisor; Paper, Pulp & Textiles, EA</p> <p>Julia Turner Executive Director, Wood Recyclers Association</p> <p>Peter Buckley Senior Fire Advisor - FPPs, EA</p>

SESSION 6	11:15
<i>Paper & Board in Food Contact</i>	
<p>Producers of food contact materials have always had a responsibility to manufacture their materials in accordance with the ‘Framework’ Regulation. But in the absence of specific (EU) legislation for paper & board, how does industry demonstrate the suitability of paper & board for food contact?</p> <p>In this session you will hear how the industry has revised the longstanding voluntary Guideline and Good Manufacturing Practice (GMP) as well as the other steps that are being taken to demonstrate compliance and prepare for potential legislation. And, importantly, where do we stand in terms of UK legislation as we leave the EU? Hear the position from experts as it develops post-Brexit.</p>	<p>Speakers:</p> <p>Adam Hardgrave Head of Food Contact Materials, FSA</p> <p>Tim Chandler, Senior Scientific Officer – Food Contact Materials, FSA</p> <p>Jori Ringman Deputy Director General, CEPI</p> <p>Krassi Kazashka Technical Director FEFCO</p>

SESSION 8	13:35
<i>Work-related stress, health and well-being</i>	
<p>Every year the Chartered Institute of Personnel and Development (CIPD) publish an annual survey that examines trends in work-related absence in UK workplaces.</p> <p>Drawing on the survey results, Rachel will discuss the main reasons for absenteeism, including the effect of ‘presenteeism’ and ‘leaveism’, while Dan will address the big issues around mental health and well-being.</p>	<p>Speakers:</p> <p>Rachel Suff Senior Policy Advisor CIPD</p> <p>Dan Shears Safety & Environment Director, GMB National Health</p>

SESSION 9	13:35
<i>Machine procurement, safe interventions and control standards</i>	
<p>Each year the industry invests heavily on purchasing machinery. Unfortunately, some equipment when it arrives in the UK does not meet the required level of safety standards.</p> <p>New PABIAC guidance for the Procurement and Installation of Machinery is designed to assist all sites in the planning and implementation of purchasing new machinery. In this session, delegates will have an opportunity to ask questions to a panel of experts on machinery procurement issues relative to the guidance.</p>	<p>Speakers:</p> <p>Paul Grady Specialist Mechanical Inspector, HSE</p> <p>Matt Androsiuk Principal Safety Consultant, PILZ</p> <p>Andy Godbold Head of Health, Safety and Environment DS Smith Packaging North Europe</p>

SESSION 11	13:35
<i>Supply Chain</i>	
<p>A consequence of the ubiquity of paper is the high degree of complexity and wide range of both suppliers and customers that must be engaged.</p> <p>The session will hear from stakeholders as diverse as finance directors and food industry customers and will examine how the UK’s Paper-based Industries can improve their interaction across the totality of their supply chains.</p>	<p>Speakers:</p> <p>Angela Coleshill Competitiveness Director, Food and Drink Federation</p> <p>Jane Bevis Chair, OPRL Ltd</p> <p>Isabelle Maddock Group Finance Director James Cropper PLC</p> <p>Julian Freeman Group Sales and Marketing Director, Rigid Containers Ltd</p>

SESSION 12	13:35
<i>Energy efficiency in a bio-based economy</i>	
<p>With a mandatory 2050 target for the UK to reduce emissions by 80%, pressure to decarbonise production continues to grow. Added to rapidly increasing energy cost, and a Roadmap charting potential opportunities, there’s a refocused attention on energy efficiency.</p> <p>The speakers in this session will discuss the current energy efficiency options and what industry is doing. From a policy perspective, we will find out about Government support, and what additional support is available through the Industrial Energy Efficiency Accelerator and other funds.</p>	<p>Speakers:</p> <p>Paul Nobel Principal Consultant, Sustainable Energy Use Europe, DNV GL</p> <p>Arjan Geveke Assistant Director of Energy Policy, BEIS</p> <p>Ulrika Wising Head of Solar & Battery Storage Macquarie Investment Bank</p> <p>William Hudson Manager, Policy & Innovation The Carbon Trust</p>



Confederation of Paper Industries

01793 889600 | cpi@paper.org.uk | www.paper.org.uk



DITP

PRVA NAJAVA IN VABILO ZA AKTIVNO UDELEŽBO

na 46. Mednarodnem srečanju slovenskega papirništva, ki bo letos potekalo pod naslovom

“MED KROŽNIM, BIO IN DIGITALNIM”

20. – 21. november 2019 | Slovenija

Teme na letošnjem simpoziju bodo z naslednjih področij:

- > moderna priprava in čiščenje recikliranih vlaken
- > tehnološke novosti pri papirnih in kartonskih strojih
- > novi koncepti pri premazovanju papirja in kartona
- > novi trendi v tiskarskih in dodelavnih tehnikah
- > možnosti znižanja porabe energije v papirništvu
- > uporabnost papirniških muljev in pepelov
- > šolanje za prihodnost
- > poti do novih znanj
- > pogled tržnikov na svetovni trg papirja
- > financiranje papirne industrije

FIRST ANNOUNCEMENT AND INVITATION FOR AN ACTIVE PARTICIPATION

at the 46th International Meeting of Slovene Paper Industry under the heading

“BETWEEN CIRCULAR, BIO AND DIGITAL”

21 – 21 November 2019 | Slovenia

Topics from the following areas:

- > modern preparation and cleaning of recycled fibers,
- > technological novelties on paper and paperboard machines,
- > new coating concepts,
- > trends in printing and finishing techniques,
- > possibilities of reducing the energy consumption at papermaking processes,
- > usability of sludges and ashes,
- > education for the future,
- > ways to new knowledges,
- > commercial views on the global paper market,
- > financing in paper industry.

Predstavniki industrije, inštitutov in univerz izkoristite priložnost in se aktivno udeležite Simpozija

- s predavanjem ali
- s posterjem

Prosimo vas, da pošljete izvelek predavanja/postra v slovenskem in angleškem jeziku (največ 25 tipkanih vrstic) najkasneje do 15. junija 2019 na naslov: ditp@icp-lj.si.

Uradna jezika bosta slovenski in angleški s simultanim prevajanjem.

Za organizacijski odbor:
Marko Jagodič, univ.dipl.ing.

Vabljeni na Bled!

Representatives from the industry, institutes and universities are invited to participate with

- a paper or
- a poster

To present your paper/poster you need to send a short abstract in English (25 typed lines max) to ditp@icp-lj.si, by 15 June 2019 at the latest.

The official languages are Slovene and English with simultaneous translation.

For the Organizing Committee:
Marko Jagodič, B.Sc.

Welcome to Bled!