

**INTERNATIONAL SEMINAR 2018  
 TECHNOLOGIEKRING Paper & Board Industry  
 ‘The paper-/board machine and paper-/board products’**

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

**November 14th (Wednesday afternoon) | November 15th (Thursday morning)**

**Preliminary program**

**November 14<sup>th</sup> (Afternoon, Day 1)**

13:00		Welcome and opening by Jan Pille, Royal VNP (Dutch association for paper and board manufacturers)
13:10 <i>General introduction</i>		Setting the theme ‘The paper-/board machine and paper-/board products’ by the chairman of the day Ron Sportel, Coldenhove
13:25		<b>Youngsters</b> <i>Feedback by youngsters working in the sector</i>
14:00		Developing paper sector asset base by increasing sustainability at the same time by Arne Kant, Poyry
<b>Masterclass</b>		<b>Follow up June seminar ‘Raw materials and stock preparation’</b> <i>During the last seminar the theme was ‘fiber raw materials and stock preparation’ and some feedback of working groups. In addition to this seminar there are a few interesting updates regarding pulp technologies, de-inking and paper z-direction properties.</i>
14:20		An innovative Repulping Technology for resource efficiency of recovered papers! by Ulrich Neumüller, Repulping Technology GmbH & Co. KG
14:40		Update refiner plates, long and short fibers by Karl Woest, Andritz AG
15:00		<b>Break &amp; Telsell paper products</b>
15:30		Feedback working group Z-direction issues by Leon Joore, Millvision
<b>Masterclass</b>		<b>Wet- and dry-end chemistry</b> <i>In this block links between wet-end and dry-end chemistry will be presented, all with the idea to improve process stability and product stability if needed. Later in the program this topic will be supported with a workshop with the exchange of papermaker experiences.</i>
15:50		Process stabilization with our new Echowise technology by Mark Conyngham, Buckman
16:10		Advanced cationic surface treatment of paper and board by Markus Blomquist / Esko Aarni, FP-Pigments GmbH
		<b>Paper machine developments</b> <i>In this block an overview of papermachine innovations will be given from the headbox to the dry-end.</i>
16:30		<b>Break &amp; Snack</b>
17:00		Valmet’s Paper Machine Developments by Thomas Zapf and/or Marco Duschak

<p>17:45 <i>Workshop</i></p>		<p><b>In-depth polymer dosages</b></p> <p><i>Both the effect as well as the costs of polymer consumption are high in papermills. Based on the workshop in June, a follow up is foreseen to get more understanding of the optimisation potential and by that the cost reduction or value add. More specific, location of dosage, which system, interaction with anion trash or other polymers and how to judge?</i></p> <p><i>Practical experiences will be shared:</i></p> <p>Mat Maessen, Smurfit Kappa t.b.c.  Michiel Lankhorst, Papierfabriek Doetinchem  Harry Mulder, Coldenhove  Patrick de Wilde, StoraEnso  Bert Uil, Eska</p>
<p>18:45</p>		<p><b>Networking at the technology market</b></p>
<p>19:30</p>		<p><b>Dinner in a first class networking atmosphere and official ceremony Technologie Kring Award November 2018</b></p>

## November 15<sup>th</sup> (Morning, Day 2)

8:45		Opening by the chairman of the morning session by Leon Joore, chairman of the Natural Fiber Application Center <i>A short feedback will be presented regarding the actual status of the use of alternative fibermaterials as well as some inspiring innovations at the application center.</i>
9:00		Innovation method with Igor by Roel Boekel, Findest
9:20		Digitalisation in Condition Monitoring on Paper Machines by Tommy Wagemans, Siemens
<b>Masterclass</b>		<b>Dry – section + Coating &amp; Rheology + sensors</b> <i>In this block there is special attention to cleaning in the dry-end, coating additives and linked rheology as well as the physical mechanical aspects of slitters and winding which are very complex and key for competitiveness.</i>
9:40		Why change the conventional hp shower cleaner to a traversing cleaner? Water and chemical savings and a better cleaning to ensure a good paper quality is the target of the change by Werner Michael Raschka, Kadant Nordic
10:00		Technology of slitter winders by Michael Schmitz and Peter Sauk, Jagenberg Paper Systems GmbH
10:35		<b>Break &amp; Telsell</b>
10:50		Coating concept for fossilfree barrier application by Per Emilsson, UMV
11:10		Coating additives Primal, Polyco, Hypod by John Haigh, Dow France S.A.S.
11:30		Fire fighting innovation by Mustafa Torun, Braindrop BV
11:50		IGT LintView 4K tester (is able to test fine dust on the surface of paper) by Rinus Maas, IGT
12:10		<b>End of seminar and take away lunch</b>

Program updates: [www.technologiekring.nl](http://www.technologiekring.nl) - Program is subject to changes

