





## Conference Program - 15-16. march 2017





Wednesday, March 15, 2017

NO.	TIME	HEADLINES / ABSTRACT	SPEAKER
1	<p><b>10.00 – 10.45</b></p> <p>Language Danish</p>	<p><b>Nyere trend i Lys- og vejrægthed.</b></p> <p>Mange overflader bliver nedbrudt af vejret herunder solen. For at simulere denne nedbrydning bruges accelererede udendørs eksponering eller laboratorie instrumenter. De primære nedbrydningsfaktorer herunder lyset og dets betydning vil blive belyst samt hvilke lyskilder kan anvendes. Desuden vil de nye muligheder for yderligere acceleration og disses begrænset vil belyst.</p> <p><i>Mads Strenov har arbejdet med udstyr til test af overflader i mere end 35 år. Han er specialist i farve, glans, tykkelse samt nedbrydning (lys, væsker, temperatur) af overflader.</i></p>	<p><b>Mads Strenov</b> Direktør Strenov ApS</p> 
2	<p><b>11.00 – 11.45</b></p> <p>Language English</p>	<p><b>Protective coating and QC for extended lifetime of offshore wind structures.</b></p> <p>Maintenance and repair of unmanned offshore structures such as wind turbines is extremely expensive. The cost is typically a factor of 100 times greater than that of similar repair on land. The lifetime of a coating system depends on a number of factors of which the quality of surface preparation, the coating thickness and the quality of workmanship are the ones usually considered as the most important. However, at the same time they are usually the most uncertain factors. This presentation discusses the need for more QC during the coating process, which is believed to extend the lifetime of the coating system and thereby to reduce the overall costs for corrosion protection.</p> <p><i>Nana Eckhardt, M. Sc. Eng. is a corrosion and metallurgy specialist and certified FROSIO level III inspector working in the field of offshore wind corrosion challenges. Her work at FORCE Technology since 2009 includes third party inspection and consultancy especially related to coatings and corrosion of steel and stainless steel</i></p>	<p><b>Nana Eckhardt</b> M.Sc.Eng. FORCE Technology</p> 

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<p>3</p>	<p><b>12.00 – 12.45</b></p> <p>Language English</p>	<p><b>Automated Programming in High-Variant Surface Treatment Processes“</b></p> <p>Offline programming has become common for programming robots in surface treatment but in the same time faced several challenges: programming is too time consuming to deal with very high variant products and finding efficient motions especially in narrow cells (brown-field) can be a very tedious task - and especially in the later challenge requires deep robotic skills. We present a software tool for planning and programming the surface treatment and surface inspection processes realized by industrial robots. In the presentation, we will illustrate the idea and show several interesting reference cases from the industry.</p> <p><i>Dr. Tech. Mikko Sallinen is Vice President, Innovation and Sales at Convergent Information Technologies GmbH. He is responsible for development of novel adaptive robot solutions and sales in South-East Asia. Dr. Sallinen also holds a position of Adjunct Professor in the University of Oulu, Finland.</i></p>	<p><b>Dr. Mikko Sallinen,</b> Vice President of Innovation Convergent Information Technologies GmbH</p> 
<p>4</p>	<p><b>13.00 – 13.45</b></p> <p>Language Danish</p>	<p><b>Primer og Toplak 2 coat one bake</b></p> <p>Processen 2 coat one bake giver en optimering og procesbesparelse, dels gennem kortere produktionstid, men også en væsentlig energi besparelse Der vil være eksempler samt informationer om en kundes faktiske besparelser og en gennemgang af processen.</p> <p><i>Launy Andersen har været i overfladebranchen siden 1989 med erfaring som produktionschef og direktør hos Brønderslev Industrielakering, Herefter en årrække i Forbehandlingsindustrien og senest som Teknisk Sælger i AkzoNobel Pulverafdeling.</i></p>	<p><b>Launy Andersen</b> Teknisk Sælger AkzoNobel A/S</p> 



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<p>5</p>	<p><b>14.00 – 14.55</b></p> <p>Language English</p>	<p><b>Increased production flow and reduced costs with optimized paint products and coatings specifications.</b></p> <p>This presentation will treat lessons learned through the last 10 years in the coatings business aimed for surface treatment of components to the Wind industry. The presentation will present State of the art paint solutions developed and supplied by Teknos. The Presentation will start with a short presentation of Teknos; Global activities and products in general.</p> <p><i>Anders Nyboe is educated Mechanical engineer with main focus on structural design and materials. Anders Nyboe joined the coating business in 2001 and has since then worked consistently within the area of coatings and corrosion technology. Anders Nyboe has spent 9 years with Siemens Wind Powers holding positions as specialist, technology owner and Senior Key Expert Advisor.</i></p>	<p><b>Anders Nyboe</b> Key Account Manager Teknos A/S</p> 
<p>6</p>	<p><b>15.00 – 15.30</b></p> <p><b>KEY NOTE</b> Language English</p>	<p><b>About the perfidies of coating – damage examples and their causes</b></p> <p>Coating defects are not only annoying but also expensive. The DFO shows the complexity of damage analysis by illustrating various cases of damage which has been solved by the DFO. This requires an extensive assessment of the damage and its development, suitable analytical methods, profound expertise and a "good nose" for finding the root cause.</p> <p><i>David Hoffmann works for the DFO (Deutschen Forschungsgesellschaft für Oberflächenbehandlung) as a project manager since 2015. In 2009 David Hoffmann successfully completed his studies of bio- and nanotechnologies at the university of applied science in Iserlohn, Germany.</i></p>	<p><b>Mr. David Hoffmann</b> Wissenschaftlicher Mitarbeiter Deutschen Forschungsgesellschaft für Oberflächenbehandlung</p> 



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NO.	TIME	HEADLINES / ABSTRACT	SPEAKER
7	<b>10.00 – 10.45</b> <b>Ändrad tid!</b> Language English	<p><b>Overspray Separation in Spray Booths, Dry or Wet</b></p> <p>During the last years, overspray separation systems in spray booths has been developed. A new generation of “dry separators” was brought to the market. What is different to the “old” overspray air washer systems and where are the benefits? The systems will be explained and the advantages will be pointed out for the different sizes of spray booths, applications and markets.</p> <p><i>Dr. Michael Schlipf is working in the market paintshops since more than 30 years. Experience in Chemicals for paintshop operation, development and application and machinery and plant manufacturing paintshops, development and commissioning, process optimization for OEM, supplier and general industry</i></p>	<p><b>Dr. Michael Schlipf</b></p> <p>D2M Chemie GmbH, Göppingen, Germany                      Language: English</p> 
8	<b>11.00 – 11.45</b>  Language Swedish	<p><b>ECOSUS - Ekologiskt hållbara förbehandlingar för lackering av multimetall</b></p> <p>Inom fordonsindustrin ger måleriet en stor miljöbelastning genom energi, kemikalier och vattenkonsumtion och producerar stora mängder avfall. I ett led att minska detta är ett byte av dagens ZnPh av högsta prioritet. Projektet ECOSUS har studerat korrosionsprestandan för substraten CRS, HDG och HRS hos alternativa ZrO-baserade tunnfilmförbehandlingar. Dessa system har en låg energiförbrukning och slambildning även vid multimetallbehandling. Projektet har utvärderat processvariationers påverkan på skiktuppbyggnad, korrosionsprestandan samt förbehandlingarnas långtidsprestanda genom accelererade korrosionsprovningar och fältprovningar.</p> <p><i>Cecilia Groth, PhD , gruppchef för Värmebehandling och ytteknologi på Swerea IVF. Projektkoordinator av ECOSUS. Arbetar bland annat inom områden som ytbehandling, lackering och renhet av flertalet olika substrat. Har en bakgrund som ytkemist med våtkemiska formuleringen.</i></p>	<p><b>Cecilia Groth</b></p> <p>Gruppchef, Forskare/projektledare, ytbehandling                      Swerea IVF, Sweden</p> 

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9	<p><b>12.00 – 12.45</b></p> <p>Language Swedish</p>	<p><b>Hur påverkar digitalisering möjligheten till automatisering?</b></p> <p>Alla pratar om digitalisering men vad innebär det i praktiken för oss som arbetar med ytbehandling? Vilka är vinsterna med att arbeta med digitalisering? Har vi något val? Vad krävs av oss för att lyckas?</p> <p>Som leverantör av automation har det under lång tid varit naturligt att arbeta med digital information under projektering och idriftsättning. Nästa steg är att ta den digitala informationen med sig vidare in i den dagliga produktionen. Genom att göra det skapas nya möjligheter att hantera kundorderstyrd produktion och mindre serier. Dessutom blir förutsättningarna bättre för att optimera sin process utan att störa pågående produktion.</p> <p><i>Ingenjör Pelle Andersson kom in i robotbranschen redan 1986 och idag arbetar han som MD på RobNor, som är 100% inriktat på ytbehandling och är en av norra europas största integratörer av robotar i ytbehandlingsprocessen.</i></p>	<p><b>Pelle Andersson</b> Ingenjör RobNor AB, Sweden</p> 
10	<p><b>13.00 – 13.55</b> <b>KEY NOTE</b></p> <p>Language English</p>	<p><b>Surface treatment - how do we raise the Industry's status, meet our challenges and create a future growth.</b></p> <ul style="list-style-type: none"> <li>* How do we raise the Industry's status and attractiveness?</li> <li>* How do we manage to meet increased demands from the society and the legal regulations?</li> <li>* How do we deliver an increase of added value to our customers?</li> <li>* How do we increase the margins?</li> </ul> <p>During the last two years I have tried to understand the challenges the surface treatment industry in Scandinavia and Baltics are facing. I have been participated in seminars, listen to many panel discussion, had 100+ meetings with different Companies, customers, consultants, paint manufactures, steel-, welding- and manufacturing companies and last but not least companies applying the paint.</p> <p>In almost all discussions the above four questions have been raised and discussed. In this session I will share my insights what leading companies do to meet the future in a positive way and how this will change the industry.</p> <p><i>Mathias Dyberg has a Master of Science (M.Sc.), Civil Engineering. He has had leading positions, (CEO, Head of Sales and COO) during the last 20 years, with focus to develop and change organizations to meet the future. He has been responsible for outsourcing Operations from Sweden and Germany to India, Poland and Romania. Currently Mathias is working at FSP, Finnish Steel Painting as Senior Vice President.</i></p>	<p><b>Mathias Dyberg</b> Senior Vice President FSP For Surface Protection, SWEDEN</p> 

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11	14.00 – 14.45  Language Swedish	<b>Inriktningar och krav som Candor möter på utvecklande av nya produkter</b>  Candor arbetar både i Skandinavien och i Asien mot lackerings industri och kraven är oftast domsamma men beslutsfattandet är betydligt kortare i Asien där framtagande av "miljö vänlig" process teknik ska gå fortare av olika skäl. Föredraget syftar till att visa vilka krav som möts och vilken tids horisont som vi möter i förhållande till den Skandinaviska. Också vilka "nya" krav på produkter Candor möter.  <i>Jörgen Pettersson is Graduated as Chemical engineer and had since 1986 been working in the plating industry in Sweden and has a broad experience of different market areas in metal finishing. Awarded 1996 by the Swedish Galvano association as "new promising person in the market" Has since 1997 been publishing a number of technical papers to the Scandinavian market.</i>	<b>Jörgen Pettersson</b> Processes, Sales Chemistry Candor Sweden AB  
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