

ECOLROMAT

Innovations in Rail Vehicle Coating

25-26
September 2018

Vienna
Austria

New systems - new challenges: Innovations in rail vehicle coatings

+ Guided tour of the automated
painting line at Siemens AG!

With presentations by

Böhnstedt Lackier- und Oberflächensysteme | DEKRA Rail | Dürr Systems | Deutsche Bahn | Fraunhofer IFAM | Fraunhofer IPA | Freilacke | Infratherm | IWT Infrarot-Wärmetechnik | Kansai Helios Coatings | Mäder | Mankiewicz | NL Operation | Qualitätsgemeinschaft Industriebeschichtung | Rembrandtin Lack | Siemens | SLF Oberflächentechnik | SNCF | Wagner International AG

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**BESSER
LACKIEREN**

NETZWERK FÜR INDUSTRIELLE LACKIERTECHNIK

Simultaneous translation English/German/French



VINCENZ

25 – 26 September 2018, Vienna/Austria

New systems – new challenges: Innovations in rail vehicle coatings

Vienna is one of the hotspots of the European rail vehicle industry. From 25 – 26 September, Austria's capital city will host ECOLROMAT 2018 – Europe's No. 1 meeting place for experts in the rail sector and a key forum for learning about and discussing the latest trends and developments in rail vehicle coatings.

Insightful presentations offer delegates the chance to learn about innovative, state-of-the-art paint systems, new possibilities for automation and intelligent measurement systems. The tour of the newly automated rail vehicle coating centre operated by Siemens AG in Wien Simmering is the perfect addition to the programme. This is a great opportunity to witness Industry 4.0 in action. After the trip, all participants are invited to contribute the insights they have gained from the presentations and the tour in an open discussion focusing on smart, automated production methods.

Take this opportunity to find out about the latest developments directly from railway operators, designers, painting technicians, plant and machinery suppliers, and paint manufacturers themselves at ECOLROMAT 2018.

We look forward to your participation!

In Österreichs Hauptstadt und einem der europäischen Schienenfahrzeug-Hotspots treffen sich vom 25. – 26. September wichtige Experten der Schienenfahrzeugbranche, um sich auf Europas Treffpunkt Nr. 1 ECOLROMAT 2018 über aktuelle Trends und Entwicklungen in der Beschichtung von Schienenfahrzeugen zu informieren und darüber zu diskutieren.

Erfahren Sie in spannenden Vorträgen das Neueste über innovative Lacksysteme, neue Automatisierungsmöglichkeiten und intelligente Messsysteme. Perfekt in das Programm passt der Besuch der frisch automatisierten Schienenfahrzeugbeschichtung der Siemens AG in Wien Simmering. Dort können Sie den Einsatz von Industrie 4.0 live erleben. In einem offenen Meinungsaustausch zur intelligenten, automatisierten Produktion laden wir alle Experten im Anschluss ein, die aus Vorträgen und Werksbesichtigung gezogenen Erkenntnisse einfließen zu lassen.

Nutzen Sie die Gelegenheit, um sich über aktuelle Entwicklungen, präsentiert von Bahnbetreibern, Konstrukteuren, verantwortlichen Lackanwendern, Anlagen- und Geräteherstellern sowie Lackherstellern, auf der ECOLROMAT 2018 zu informieren.

Wir freuen uns auf Ihre Teilnahme!



Les spécialistes reconnus du matériel roulant ferroviaire se rencontrent dans la capitale autrichienne et dans l'un des haut-lieux ferroviaires européens les 25 et 26 septembre dans le cadre du congrès professionnel leader en Europe, l'ECOLROMAT 2018, pour s'informer et discuter des tendances et des développements actuels des procédés de peinture de véhicules ferroviaires

Venez découvrir à travers des exposés captivants les dernières nouveautés dans l'univers des systèmes de peinture innovants, des technologies d'automatisation et des systèmes de mesure intelligents. Le programme du congrès inclut aussi la visite passionnante de la ligne de peinture automatisée pour le matériel roulant ferroviaire de l'entreprise Siemens AG à Vienne-Simmering. Dans les ateliers, vous pourrez vivre en direct le concept Industrie 4.0. Au cours d'une discussion en plénière traitant de la production automatisée et intelligente, nous invitons tous les experts à venir dialoguer sur les enseignements tirés des exposés et de la visite.

Profitez de l'occasion pour vous informer sur les plus récentes nouveautés présentées par des exploitants des chemins de fer, des constructeurs de matériel roulant, des applicateurs de peinture, des fournisseurs d'installations et d'équipements compétents ainsi que des fabricants de peinture.

Nous nous réjouissons de votre participation.

Monday 24 September 2018

19.00h  Welcome get together and exhibition opening

Tuesday 25 September 2018

8.00h Registration and handover of conference documents

8.45h Welcome and conference introduction
Dr. Astrid Günther, ECOLROMAT, DE

Session 1 Measurement and testing technology

9.00h Comparative study between natural and artificial aging tests of paints and decorative films

Vergleichende Studie über natürliche und künstliche Alterungsprüfungen von Lacken und Dekorfolien

Étude comparative entre des essais de vieillissement naturels et artificiels de peintures et pelliculages
Olivier Delaporte, SNCF, FR

9.30h Colorimetry and color management in the rail industry

Farbmetrik und Farbtonmanagement im Schienenfahrzeugbau

Colorimétrie et gestion des coloris dans la construction ferroviaire
Thorben Bahrenburg, Martin Ihde, Mankiewicz Gebr. & Co., DE

10.00h  Coffee & contacts

Session 2 Processes for painting rail vehicles

10.30h Smart painting for rail vehicles

Intelligente Lackierung für Schienenfahrzeuge
Peinture intelligente pour le matériel roulant ferroviaire
Wolfgang Klein, Fraunhofer IPA, DE

11.15h Quality assurance for coating plants in the rail vehicle industry using the example of Deutsche Bahn

Qualitätssicherung von Beschichtungsbetrieben in der Schienenfahrzeugindustrie am Beispiel der Deutschen Bahn

Assurance-qualité des entreprises spécialisées dans les revêtements pour l'industrie ferroviaire en prenant pour exemple la compagnie ferroviaire Deutsche Bahn
Lars Walther, Qualitätsgemeinschaft Industriebeschichtung e.V., DE, Dieter Greitzke, Deutsche Bahn AG, DE

12.00h Adhesive film guarantee aesthetic quality by applying the anti-graffiti film

Klebefolien zur Qualitätssicherung unter ästhetischem Aspekt – Anwendung von Anti-Graffiti-Folien

Pelliculages adhésifs pour l'assurance qualité sous l'aspect esthétique - Application de films anti-graffiti
Alse Dijkstra, Leon Linssen, NS Operation/DEKRA Rail, NL

12.30h  Lunch break

14.00h Painting in Wien-Simmering

Lackieren in Wien-Simmering

Mise en peinture à Vienne-Simmering
Bernhard Binder, Siemens AG, AT


14.30h Requirements and potential solutions for the structural bonding of painted lightweight materials

Anforderungen und Lösungsansätze für das strukturelle Kleben von lackierten Leichtbauwerkstoffen

Défis et approches de solutions pour le collage structurel de matériaux légers peints
Sascha Buchbach, Fraunhofer IFAM, DE

15.00h  Coffee & contacts

Session 3 Plant technology for coating rail vehicles

- 15.30h** Automated coating of rail vehicles
Automatisierte Beschichtung von Schienenfahrzeugen
Défis et approches de solutions pour le collage structurel de matériaux légers peints
André Felchner, SLF Oberflächentechnik GmbH, DE
- 16.00h** Infrared applications for drying painted rail vehicles
Infrarot Anwendungen für die Trocknung von lackierten Schienenfahrzeugen
Applications à rayonnement infrarouge pour le séchage de véhicules ferroviaires peints
Stefan Wollenweber, IWT Infrarot-Wärmetechnik GmbH, DE
- 16.30h** Innovative train coatings – Perfectly matched application equipment for the rail vehicle industry
Innovativ Züge Beschichten – Perfekt abgestimmtes Applikationsequipment für die Schienenfahrzeugindustrie
Peindre les trains de manière innovante - Équipement d'application parfaitement adapté pour l'industrie ferroviaire
Sabine Mewes, Dürr Systems AG, DE
- 17.00h** New IR.C technology for paint on carriages – with high efficiency and improved quality
Neue IR.C-Technologie für den Lack auf Waggons mit hoher Effizienz und besserer Qualität
Technique des revêtements réfléchissant les rayons infrarouges (IRC) dans le domaine de l'application de laques sur des wagons pour une efficacité élevée et une meilleure qualité
Dr. Peter John, Infratherm, DE
- 17.30h**  End of day 1

- 18.30h**  Departure to the ECOLROMAT Networking Night at Café Residenz

Wednesday 26 September

Plus!

- 8.30h** Guided tour of the automated painting line at Siemens AG

- 11.00h**  Lunch break at the hotel

Session 4 Painting systems & application

- 12.00h** Opportunities for ultrahigh solids in painting rail vehicles

Chancen von Ultrahigh-Solids in der Schienenfahrzeuglackierung

Opportunités des systèmes à haut extrait sec pour le peinturage du matériel roulant ferroviaire
Hubert Culik, Kansai Helios Coatings GmbH, AT; Dietmar Jost, Rembrandtin Lack GmbH Nfg. KG, AT

- 12.30h** New coating systems for fire & smoke EN45545-2

Neue Beschichtungssysteme gegen Feuer & Rauch gemäß EN45545-2

Nouveaux systèmes de revêtements pour la protection contre le feu et la fumée EN45545-2
Frédéric Merger, Torsten Beckert, Mader Group, FR

- 13.00h** Panel discussion: Industry 4.0 – Opportunities for the rail vehicle painting sector

- 13.30h**  Coffee & contacts

14.00h Powder InMould Coating (PIMC) in the rail vehicle sector

Powder InMould Coating (PIMC) im Schienenfahrzeugbereich

Technique des revêtements réfléchissant les rayons infrarouges (IRC) dans le domaine de l'application de laques sur des wagons pour une efficacité élevée et une meilleure qualité

Peter Lobdank, Emil Frei GmbH & Co. KG, DE

14.30h Overview of the spraying equipment for paint application on rail vehicles

Übersicht über Vorrichtungen in der Spritzlackiererei von Schienenfahrzeugen

Vue d'ensemble de l'équipement de pulvérisation pour application de peinture sur le matériel roulant ferroviaire

Frédéric Jégou, Wagner International AG, DE


15.00h Electrostatic water-based painting – Spray painting technology for rail vehicles with heated paint hoses and heated/humidified atomiser air

Wasserlackelektrostatik – Farbspritztechnik für Schienenfahrzeuge mit beheizten Farbschläuchen und beheizter sowie befeuchteter Zerstäuberluft

Pistolet électrostatique pour peintures en phase aqueuse - technique pour les véhicules ferroviaires avec conduits de peinture chauffés et air de pulvérisation chauffé et humidifié

Hans-Jürgen Böhnstedt, Böhnstedt Lackier-u. Oberflächensysteme GmbH, DE

15.30h Conclusion and farewell
Dr. Astrid Günther, ECOLROMAT, DE

15.45h  End of conference

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For more details about the event, online registration as well as programme updates please visit www.ecolromat.com!

Online registration:



Company	Department	
Titel	First Name	Name
e-Mail	Phone	Fax
Street	Zip Code / City	Country
Our Order-No.	Our VAT-No.	

Methods of Payment

Please charge my Credit Card

American Express

Mastercard

Visa

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Card Number

Expiry

Cardholder Card

Conference registration

Trust rate (valid until 24 June) 1.050,- EUR*

Early bird fee (valid until 24 August) **1.250,- EUR***

Standard rate (valid from 25 August) 1.450,- EUR*

*plus 20% Austrian VAT
Students will get 50% off the current fee on presentation of a valid student ID).

Registration procedures

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Date 25 – 26 September 2018

Venue Austria Trend Eventhotel Pyramide
Parkallee 2 | 2334 Vösendorf Austria | T +43 1 69900
reservierung.eventhotel.pyramide@austria-trend.at

Hotel accomodation is not included in the conference fee. We kindly ask you to make your own hotel reservation and recommend to reserve your room as soon as possible as the hotel capacities are limited and early booked. The hotel offers a special room rate of 100,- EUR (Comfort category, incl breakfast) or 110,- EUR (Deluxe category, incl. breakfast) per night for participants until 12 August 2018. After that date the rooms are subject to availability and day rate. For reserving a room, please refer to "ECOLROMAT"

Participation fees

Trust rate: 1.050 EUR* (for registrations received by 24 June 2018)
Early bird fee: 1.250 EUR* (for registrations received until 24 August 2018)
Standard rate: 1.450 EUR* (for registrations received after 24 August 2018)

(Students will get 50 % off the current participation fee on presentation of a valid student ID.)

* All prices plus 20 % Austrian VAT. All conferences in Europe are subject to VAT. To reclaim, please contact your local tax office.

Fees include The conference fees include full conference participation, incl. conference materials and list of delegates, the authority for downloading the presentations on the internet, luncheons, catering and the participation in the evening networking event.

Conference language The conference will be translated simultaneously into English, German and French. Please note that the contents of lectures and presentations at simultaneously interpreted conferences are predominately composed in the English language.

Cancellation Fees will be refunded in full if notice of cancellation is received by 27 August 2018. 50 % of the conference fees will be refunded in case notification of cancellation is received later, but not later than 10 September 2018. Delegates who fail to attend without notifying the organiser will be liable for the whole conference fees. Substitutions of delegates may be made at any time. Cancellations and changes should be notified in writing. In all cases date of postmark shall apply. Any fees to be refunded will be paid after the end of the conference. The organiser reserves the right to change the programme content or to cancel the event due to important reasons. Cancellation fees of third parties that may appear in this context will not be reimbursed.

Data protection Vincenz Network produces a list of delegates for each event which may include the following information: company name, address (zip code, city, country), name and job function of delegate. This list of delegates will be made available for all conference delegates, speakers, exhibitors and sponsors of the event, who may use the data for promotional purposes. Objection against publication and circulation of this data may be made at any time until 3 weeks prior to the event and has to be made in writing to the organizer. Company's name, city and country might be published on the Internet as reference for upcoming conferences.

Please note By registering you understand that your participation and attendance at the conference may be videotaped, filmed and/or audio recorded. You agree that the recording may be used for any lawful purposes that Vincenz Network, or its designees, in their sole discretion, may determine. The address data are processed for customer service and information purposes in compliance with the German Federal Data Protection Law. Company's name, city and country might be published on the Internet as reference for upcoming conferences.

Pictures Vincenz Network, Café Residenz

Your contact

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Plus! Guided tour of the automated painting line at Siemens AG!

The Siemens AG invites all participants to a guided tour of its innovative automated painting line for rail vehicles. In Wien-Simmering, one of the oldest centres for railway construction, visitors will gain an insight into state-of-the-art, applied coating technology for rail vehicles. The plant comprises 17 treatment booths including two robot booths, a combined booth for manual painting, five preparation booths, a blasting booth, three cement and grinding booths and five drying stations. Get an insight into state-of-the-art, applied coating technologies for rail vehicles!



Plus! Networking Night at Café Residenz

Meet your peers during the ECOLROMAT Networking Night on 25 September 2018 at the Café Residenz, situated in the Cavalier Wing on the left-hand side in the palace courtyard of Schloss Schönbrunn. Where once was cooked for the imperial guards, enjoy the typical atmosphere of a Viennese coffee house and round off the first conference day with good food, drinks and informal conversation with your international colleagues.





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Innovations in rail vehicle coatings**

+ Guided tour of the automated painting line at Siemens AG!

A high-speed train is shown in motion, blurred to suggest speed. The background is a futuristic cityscape with glowing lights and a network of lines, possibly representing a digital or data network. The overall color palette is dominated by blues, purples, and oranges, creating a high-tech, modern atmosphere.

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