

EVONIK VIRTUAL COATINGS CONFERENCE - DETAILED AGENDA

Day 1 | Tuesday, September 29 2020

- 10:00 - 10:05 a.m. **Opening Speech** by *Marco Heuer, Head of Applied and Research Technology Industrial Coatings EMEA*
- 10:05 - 10:35 a.m. **Enhancing mechanical resistance in architectural paints** by *Markus Vogel*
How to formulate durable wall paints? And what are the limits of different raw materials? Learn more about a new technology based on precipitated silica particles with focus on improved burnish resistance and web scrub resistance.
- 10:35 - 11:05 a.m. **Improving high quality formulations with the helping hand of robots** by *Claudia Bramlage*
How can robots and algorithms support you to find the most suitable recommendation for your formulation? Join this session to find out about Evonik's High Throughput Equipment and its 24/7 automated testing capabilities.

BREAK

- 11:15 - 11:45 a.m. **VOC Toolbox for Industrial Coatings** by *Marco Heuer, Head of Applied and Research Technology Industrial Coatings EMEA*
Legal restrictions limiting the emission of VOCs in industrial coatings. Bringing back formulators freedom by using the broad portfolio of suitable additives, co-binders and specialty binders for current and future regulations.
- 11:45 - 12:15 a.m. **Life-cycle analysis of sustainable coatings** by *Roger Reinartz, Head of Applied and Research Technology Industrial Coatings EMEA - Plastic, Paper, Leather and Others*
Sustainability is very often a used phrase nowadays. But how can it be calculated and how can different applied and cured coatings layers be compared. Within that session let's take a deep dive into the life-cycle analysis of a coating system.
- 12:15 - 12:20 p.m. **Closing speech** by *Georg Schick*

Day 2 | Wednesday, September 30 2020

- 10:00 - 10:05 a.m. **Opening Speech** by *Jos van Oosterwijk, Head of Applied and Research Technology Transportation Coatings EMEA*
- 10:05 - 10:35 a.m. **Hardener for silicone resins** by *Markus Hallack, Head global Silicone Resin Technology & R&D Competence Center S3 Anti-Corrosion*
Achieving the next level of durability without reformulation - New hardener for silicone resins. A patent pending technology leads to ambient curing of high heat resistant coatings

10:35 - 11:05 a.m. **Optimizing hiding power in architectural paints** by *Oliver Peters*
How can you enhance the performance of interior wall paints? And which additives and specialty fillers will help to achieve this target? The optimization of hiding power is of special interest for formulations in architectural coatings.

BREAK

11:15 - 11:45 a.m. **A new additive for durable anti-fouling coatings** by *Julia Foth*
How to make well established anti-fouling coatings more sustainable? Structure modified synthetic silica technology improve scratch resistance and mechanical strength since more than ten years. New developments now offer environmentally sustainable improvement to anti-fouling performance in marine environments.

11:45 - 12:15 a.m. **ESTA application, part I** by *Heiko Alzer*

12:15 - 12:20 p.m. **Closing speech** by *Ellen Reuter, Head of Applied and Research Technology Decorative Coatings EMEA*

Day 3 | Thursday, October 1 2020

10:00 - 10:05 a.m. **Opening Speech** by *Ellen Reuter, Head of Applied and Research Technology Decorative Coatings EMEA*

10:05 - 10:35 a.m. **Stepping out of the line - Excellent defoaming while maintaining high compatibility** by *Georg Schick, Head of Applied and Research Technology Printing Inks EMEA*

10:35 - 11:05 a.m. **Novel waterborne rheology-modifier** by *Peter Lederhos, Technical Market Manager Industrial Coatings EMEA*
How to balance performance and compatibility? The rheology control dispersion VP Disp.WF 7620 (a special functionalized fumed silica) is designed for the easy control of the rheological properties for waterborne coatings in e.g. spray or dip applications.

BREAK

11:15 - 11:45 a.m. **AEROSIL®-based Rheology modifier** by *Max Cornelius*
How does AEROSIL® fumed silica help you to improve your formulations? This presentation will provide a technical overview of the general properties of AEROSIL® fumed silica and the specific advantages which arise from this material in coating applications.

11:45 - 12:15 a.m. **ESTA application, part II** by *Heiko Alzer*

12:15 - 12:20 p.m. **Closing speech** by *Marco Heuer, Head of Applied and Research Technology Industrial Coatings EMEA*
