

PAINTINDIA CONGRESS 2020

SERIOUS BUSINESS
FOR YOUR INDUSTRY

INTERNATIONAL
EXHIBITION & CONGRESS

MARCH 12 – 13, 2020
BOMBAY EXHIBITION CENTRE
GOREGAON, MUMBAI, INDIA

India's proud global event for the paints, coatings, inks, construction chemicals and adhesives-sealants industries presents once again its international congress edition.



More information: www.paintindia.in



ALWAYS ONE STEP AHEAD

The Paintindia Congress has established itself as one of the major technical conferences of the Indian coatings industry after two successful events in 2016 and 2018. This year, Colour Publications and Vincentz Network have once again invited the international coatings community to present the latest innovations, trends and developments. Over the course of just two days the Paintindia Congress has everything you need to thrive in the fiercely contested coatings market: current developments in raw materials, the latest results from scientific institutes and universities, and contact with leading international experts in person.

WHY YOU SHOULD ATTEND

A unique opportunity

The Paintindia Congress is the most important coatings conference in India and offers you a chance to look beyond the proverbial end of your nose and discover the latest research results from academia and industry. You'll be one of the first to know!

Gain an international perspective

With attendees representing more than 20 countries, you'll have an unprecedented opportunity to engage with international coatings experts – and to look at your work and projects through a global lens. Gain profound insights into current global technology trends in the coatings industry.

Network and connect

First-time attendees: You'll have the opportunity to meet the brightest minds in coatings technology face to face – people you have only heard about up to now. Returning attendees: You'll have another chance to hang out with the smartest coatings people you know, plus meet a great many more.

Fuel your creativity

After having attended the Paintindia Congress, you'll be bursting with ideas on how to devise better formulation solutions, boost your performance and make yourself even more invaluable to your employer.

SEE YOU IN MUMBAI

on 12–13 March 2020!



Dilip Raghavan
Managing Director
Colour Publications



12 MARCH 2020

WHAT YOU CAN EXPECT

INDUSTRIAL COATINGS

12.00 – 16.00 hrs

Novel 2K Michael Addition cross linkable coating systems

Mun Hon Choi, Allnex, Malaysia

// Decoupling of pot life and drying allows fast curing plus long pot life for a variety of applications.

New generation reactive matting additive for epoxy and hybrid powder coatings

Atman Fozdar, Fozdar Products, India

// Discussion of different methods to impart matting and reactions with epoxy based alternative chemistry.

Weather resistance forecast

Dr. Yves Merck, Resings, Belgium

// How to find accelerated test with very good correlation for outdoor resistance for powder coatings.

Novel multiphase acrylic dispersions with in-can clarity

Jonas Wernsmann, Alberdingk Boley, Germany

// Replacing solvent-based coatings in a wide variety of industries.

Conductive coating and corrosion

Dr. K.K. Sengupta, CFSCT, India

// New coatings with electrically-conductive particles and polymers have taken a quantum leap forward.

Carbon Black's effect on ultra-high jetness in water- and solvent-borne coatings

Guido Waidmann, Orion Engineered Carbons, Germany

// Technical details on how to achieve very high jetness in water-based and solvent-based coatings.

Advanced urethane associative thickeners for water-borne coatings: High ICI low KU viscosity

Dr. Chitra Jeukar, Elementis, USA

// The appearance and quality paints are strongly dependent on the selection of a rheology modifier.

ARCHITECTURAL COATINGS

16.30 – 18.00 hrs

Effect of external stress factors on performance of water-based coatings and its solutions

Nihal Srivastava, Asian Paints, India

// Solutions for improvements of the durability of coatings through formulation engineering.

Eco-friendly new multifunctional mineral based technology for decorative coatings

Dr. Navin Patel, Imerys, United States

// The new TiO₂ extender technology can allow customers to optimize their paint lines with improved performance.

Silicone chemistry for modern high-performance paints

Christian Putz, Wacker Chemie, Germany

// A new development optimizes silicone resin chemistry with silicone additive technology.

13 MARCH 2020

WHAT YOU CAN EXPECT

POLYURETHANES

10.00 – 12.30 hrs

A pioneering approach to rapid room temperature curing of non-isocyanate polyurethanes (HNIPUs)

Dr. Allauddin Shaik, Asian Paints, India

- // Synthesis of a HNIPU based coating delivers similar performance as 2k PU coating.

New Isocyanate for high performance polyurethane coatings

Maykin Aungsukiathavorn, Vencorex, Thailand

- // Two routes to achieve low VOC systems will be presented.

100% solid rigid PU coatings for corrosion protection of steel pipelines

Durgesh Kumar Soni, HBTU Kanpur, India

- // Discussion of a 100% solid rigid polyurethane coating and its technology.

Novel NCO-free 1&2K moisture-curing systems as cost-effective alternative to 2K polyurethanes

Christophe Steinbrecher, Hexion, Belgium

- // A new family of polymers based on the combination of vinyl(neo)ester and vinyl alkoxysilane monomers will be presented.

Self-matting water-borne polyurethane coating

Satish Singh, Kansai Nerolac Paints, India

- // Self-matt coating of waterborne polyurethane (WBPU) was synthesized by combining prepolymer and self-emulsification methods

CUTTING EDGE INGREDIENTS AND TECHNOLOGIES FOR ADDED VALUE

14.00 – 17.30 hrs

Finding a perfect balance between sagging and levelling in industrial coatings with microfibrillated cellulose

Dr. Otto Soidinsalo, Borregaard, Norway

- // The effect of insoluble microfibrillated cellulose (MFC) on sagging and levelling was studied with three different industrial formulations.

Diamide-based organic thixotrope: An alternative to fumed silica in adhesive and sealants

Vimal Saini, Elementis, Germany

- // Evaluation of the performance of a diamide based rheological additives in pigmented and non-pigmented sealant systems.

Unique solvents composition to enhance the paint performance for water-based coating

Sandeep Nikam, Dow Chemical International, India

- // Multifunctional additive will help in reducing the complexity and manage the paint performance.

The importance of particle size in the paints & coatings industry

Stuart Wakefield, Malvern Panalytical, United Kingdom

- // The influence on both the optical and bulk properties of pigments will be discussed.

Enhanced film performance in water based high PVC paints through strategic surface interactions of inorganic particulates and surfactants

Trisha Kaushik, Asian Paints Research and Technology Center, India

- // Maximum performance benefit through the interactions of the key building blocks of the formulations.

Maximum performance for easier processing

Adil Bilici, Byk-Chemie, Germany

- // Nowadays, it becomes more and more important to use energy efficiently, to increase productivity, and to produce goods faster.



KEY FACTS

THURSDAY MARCH 12, 2020

11.00 - 11.40 hrs **Registration and networking high-tea**

11.40 - 11.50 hrs **Welcome note**

// Dilip Raghavan
Editor-Publisher, Paintindia, India

11.00 - 12.00 hrs **Lamp-lighting by industrial dignitaries**

12.00 - 16.00 hrs **Industrial coatings**

16.00 - 16.30 hrs **Tea break**

16.00 - 16.30 hrs **Architectural coatings**

18.00 - 19.00 hrs **Networking reception**

FRIDAY

10.00 - 10.30 hrs **Morning tea and networking**

Polyurethanes

12.30 - 13.30 hrs **Lunch break**

14.00 - 17.30 hrs **Cutting edge ingredients and technologies for added value**

PAINTINDIA AWARD

Chosen by the Congress programme committee, the best paper of the PAINTINDIA CONGRESS will be honoured with the PAINTINDIA Award during the Inauguration Ceremony.

NETWORKING RECEPTION

Congress delegates, chairmen and speakers are warmly invited to meet in a relaxed atmosphere straight after the end of the first congress day on Thursday, March 12, 2020. The networking reception of the PAINTINDIA CONGRESS is an ideal opportunity to renew and strengthen contacts, cultivate business relationships, exchange latest news and participate in discussions.

MEASURE OF EXCELLENCE

The PAINTINDIA exhibition is India's proud global event for the paints, coatings, inks, and construction chemicals and adhesives-sealants industries. Admittance to the exhibition is free for all congress delegates!

A
DO-NOT-MISS
EVENT!

For more information
on the exhibition, please visit

www.paintindia.in

GENERAL INFORMATION

YOUR KEY CONTACTS

Scientific programme

Dilip Raghavan

// Colour Publications

// dilip.raghavan@colorpub.in

Sonja Schulte

// Vincentz Network

// sonja.schulte@vincentz.net

Registration

Priya Sharma

NürnbergMesse India

priya.sharma@nm-india.com

Venue

Bombay Exhibition Centre

Goregaon, Mumbai | India

Registration fees

Domestic delegates: INR 5000 plus 18% GST

International delegates: USD 100 plus 18% GST

After 06 March 2020 delegates are asked to register on-site in Mumbai.

Please note that on-site registrations cannot be guaranteed, as congress places are limited.

The fee includes

// Admittance to the congress as reserved

// Exhibition Catalogue

// Congress Proceedings

// Lunches & tea breaks

// Delegate Badge

// Networking reception

Cancellation polices

Please refer to our website for full terms and conditions including our cancellation policy and deadlines.

PLEASE REGISTER ONLINE AT



For more information on the exhibition, please visit

WWW.PAINTINDIA.IN