



SURFACE 2016

The Trade Fair for surface technology

4 to 6 October Brabant Hallen 's-Hertogenbosch

Extra boost for international trade fair

New exhibitions, 175 exhibitors, 75 knowledge sessions, many innovations

The preparations for Surface 2016 look promising. Surface is part of WOT2016, the Week of Surface technology, and thereby boasts with a unique knowledge programme in collaboration with more than 30 branche societies and 10 research institutes. The added value of

the surface treatment field is strongly highlighted in exhibitions such as 'Proud of the work', Surface Solutions, the Surface Lab, Wrapping, the Cleaning square and the Colour square. The first registrations for the ION Borghardt Award, the innovation award and

exhibition, have been submitted. Read more about the exhibitors, the extended programme, the huge media campaign and how you can take advantage of Surface in this newsletter.

Large market support

Many branche societies have a role in the professional program and are inviting their members to visit the trade show. These include Aluminium Centrum, AutomotiveNL, CarrosserieNL, Dutch Machinery for Food Industry (DMFI), Metaal Recycling Federatie (MRF), Staal Federatie Nederland (SFN), Stichting Zinkinfo Benelux, Vereniging Metalen Ramen en Gevelementen (VMRG) and Vereniging Nederlandse Metallurgische Industrie (VNMI).

Many foreign companies involved

There are many foreign exhibitors such as: A.M.P.E.R.E. Deutschland GmbH, CRS-I, Fraunhofer IPT, Sibelco, Oxyplast Belgium NV, Saint-Gobain Abrasives BV, Sherwin Williams Benelux, Airblast Abrasives BV, ICOM Automation GmbH, Kewesta Fördertechnik, Citaku BV, EPIFATECH AB, Laborex bvba, Rösler Benelux BV and The Stainless Solutions Group BV. See for more (inter) national exhibitors the other side.



Activities & Program

Informative program

Ongoing presentations are being held about innovations and best practices. These cover for example mechanical engineering, surface treatment in the automotive sector, materials science, (non-residential) construction (EN 1090) and mobility. Innovative coatings, adhesive and other adhesion technology, surface technology on non-metal surfaces, electroplating, unusual architecture, occupational health, safety and environment, hygiene, hard chrome and colour (experience) are also dealt with. A masterclass in corrosion and conservation is held in the context of 'training'.

Surface Lab, The Quality Experience

At the Surface Lab, visitors get insight in quality using (self brought) samples. In addition to promoting measuring equipment, the Surface Lab is intended for clients to especially buy based on quality. Specialists such as BYK-Gardner GmbH, Helmut Fisher, NauMetrics PMI, TQC and tqm systems give an explanation on quality assurance and assessing desired properties such as elasticity, shine, hardness, layer thickness, colour, scratch resistance, impedance, cleanliness, UV resistance, layer condition of the coating and adhesion.

Colour knowledge and experience

Surface 2016 focuses all the attention on colour at the Colour Square in cooperation with the Dutch Colour Centre. This shows the impact colour has on people. What is the perception of colour in an area? What is true colour and what are the standards and permissible deviations of colour? Colour has become an indispensable design tool, but unfortunately there are still many misunderstandings about colour. Aspects such as colour fastness, specification information, new coatings with additional functionalities, shine, light and restoration are dealt with at Surface 2016.



Specific focus on cleaning

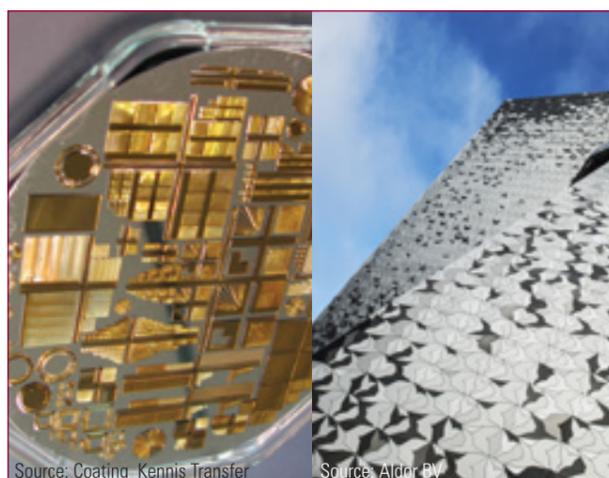
Cleaning enhances the quality of the surface treatment and the supplied product. To demonstrate this, both pretreatment and after-care will be shown. Visitors can also get all the info they want about innovations, best practices, the advantages and the methods of cleaning. With the participation of for example Alpha Techniek BV, Cold Jet Europe bvba, Oude Reimer BV, ElmaUltrasonic bvba, Kluthe Benelux B.V., Leering Hengelo BV and Metalas Cleaning Systems. Demonstrations of among others, ultrasonic, bio-circle and spray cleaning, dry ice cleaning and laser cleaning will take place here.

Exhibition 'Proud of the Work'

This campaign is intended to further imprint the added value of the field. To show what is possible with surface treatment of materials. Special end products are showcased at this exhibition that offers extra performance thanks to surface treatment.

Exhibition Wrapping

Wrapaholic from Breda will present the creative foil technique on cars, furniture, kitchens, façades and bicycles. Wrapping is the packing of products with high quality cast vinyl that may possibly be equipped with a UV resistant laminate. Self designed prints are also possible. The foil is protective, easy to remove and scratch resistant.





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News from the exhibitors

Extra corrosion protection after blasting or metalizing



After more than 8 years of intensive R&D, AD Chemicals has managed to apply their extensive knowledge with respect to chromium (VI) free chemical treatments for metal in a regular blasting or metallisation process. By applying the product directly after blasting, a conversion layer is created that substantially improves the quality of adhesion of the paint system and significantly strengthens the anti-corrosion properties. The product is suitable for galvanized steel and aluminum.

More info: www.adinternationalbv.com

Revolutionary, patented nitrogen spraying systems

Nitrotherm spray (with wet coating) and Polifluid (in powder coatings) are two patented injection systems that work with nitrogen as carrier instead of the usual compressed air. Nitrogen has a higher outflow speed, this reducing the spray pressure, leading to material savings. The nitrogen creates a massive drop in dew point and less surface tension, leading to a much better paint level and climate independence. The system has also reduced drying times and dust containment.

More info: www.crs-i.com



New carbide jet turbine



HEVAMI surface engineering shows the new carbide jet turbine, type R410X. This turbine offers a better solution if people uses an aggressive abrasive with great hardness. When deploying a standard turbine extreme wear and tear normally arises. This leads to a short standing time of the components. Carbide, compared to cast iron, lasts up to 20 times longer and is the ideal solution for these applications. More info: www.hevami.nl

Application of thin-layer technology for increased paint adhesion and corrosion resistance

Kluthe applies a neutral stain with their innovative technology for a producer of control cabins, as a result of which paint adhesion and corrosion resistance are increased. The treatment begins with the neutral stain. Sludge formation doesn't occur and fly corrosion doesn't take place on the substrate. The cabins are then treated with the conversion product that can be used from room temperature. The cabins are immersed in a KTL-bath (KTL = Cathodic Tauch Lackierung). Following that they are painted with a powder or wet coating.

More info: www.kluthe.nl



New heat-resistant paints



PLPCOATINGS shows a wide range of heat-resistant paints, each with own specific properties. THEMPORES paint products; a large range of standard and custom made paints on customer level, with a temperature range up to approx. 650 °C peak load. The THEMPORES is available in a 2-component solvent-based variant which can be thinned with water. They also show the PYROPAINT paint products, which are also tailor made on customer level and generally have a temperature range up to 400 °. More info: www.plpcoatings.com

New environmentally friendly chrome VI free pre-treatment

Weert Group offers an environmentally friendly solution for the chemical pre-treatment of galvanized steel. This preconditioning is developed on the basis of the non-toxic Chromium III. All tests such as Machu and the salt spray test come up with at least the same results. The current pre-treatment is gradually adjusted. Degreasing, pickling, the rinsing steps and chromating are optimized and built up for the use of the new Chrome III product.

More info: www.weertgroep.nl



Large media campaign

The surface treatment sector itself as well as others for which surface treatment of materials is of eminent importance, such as construction, infra, electronics, machine-building, automotive, carpentry industry, furniture-, plastic- and metal industry are reached by means of an intensive PR campaign.

Surface 2016 is announced in trade journals and their digital media such as Oppervlaktetechnieken, Industrie Magazine, Handelscourant, Gevelbouw, Alurvs, Vraag & Aanbod, het Houtblad, Kunststof & Rubber, Metaal en Techniek, Imaintain, De Houtkrant, VOM Info, Carrosserie, Metaalnieuws, Marktaanbod Metaal & Electro and Metaal Magazine.

Of course networks like social media, digital newsletters and online platforms are used. For example industryplanner.com, handelscourant.nl, vmrg.nl, imaintain.nl, alurvs.nl, metaalvak.eu, kunststofenrubber.nl, metaalnieuws.nl, energievakbeurs.nl, marktaanbod.nl and vraagenaanbod.nl. Beside that, the visitors database of the previous editions and other relevant trade fairs will be used. More than one hundred thousand invitation cards are distributed.

Synergy with tradefair Energie 2016

Of course we make the most of the synergy with the adjacent trade fairs: Energie and Ecomobiel. Visitors can visit all exhibitions. Energie is visited by decision makers from construction and industry. Surface treatment is very important in these sectors for instance heat pumps, wind turbines, solar panels, façade systems and energy infrastructure.



Sign up for

the digital newsletter via

www.surfacevakbeurs.nl



International participants

Nowhere else in the Netherlands and Belgium has such a broad, comprehensive range of surface treatments been brought together. A selection from the long list of 175 exhibitors:

A.M.P.E.R.E. Deutschland GmbH, AD CHEMICALS, Airblast Abrasives BV, Airblast BV, Alards Masking Solutions, ALDOR b.v., Allo Industry, Alpha Techniek, ALTEC industrial identification B.V., Amitech B.V., APEQ WiWa B.V., ATHEX BVBA, Bâton Adviesgroep, Bekkers Metaalspuitwerken B.V., BELMEKO, Braker Spuittechniek, BTEQ BV milieuadvies en afvalzorg, BYK-Gardner GmbH, C&T technics BV, C.O.T., Caldic Belgium, Canescens BV, CAP Industrial BV, Chemetall, Chromin Maastricht BV, CITAKO BV, CKB CORODE, Clemco Straalapparatuur BV, Cookson Drijfhouw BV, CRS-i Nitrothermspray, CZL Tilburg BV, Datacolor AG Europe, De Ploeg Techniek B.V., Dekracoat BV, Disselhorst Metaal B.V., Dreisol – Coatings, Duthoo NV, ECN Engineering, Edco Las/snij- vlamspuittechniek, Elcometer NL, ELMA-Ultrasonic bvba, Emotech BV, Epifatch AB, Eurolacke B.V., Fix Media BV, Fraunhofer Institute for production technology IPT, Galvano Hengelo, Gibac Chemie BV, Green-Training, Gullimex BV, Hagoort Markeersystemen, HangOn BV, HaTwee BVBA, Helmut Fischer Meettechniek BV, Hendor Pumps & Filters, HEVAMI oppervlaktetechniek, Hulkenberg bv, HVN Straaltechniek B.V., ICOM Automation GmbH, IFO International, IHI Hauzer Techno Coating B.V., Imbema Rhiwa B.V., Innplate BV, Ionbond, iST Benelux BV, Jetvertising b.v., Kewesta Fördertechnik GmbH, Kluthe Benelux B.V., KO-AR bv, KOTI Industrieel en Technisch Borstelwerk, LABOREX bvba, Latour Galvano, Leering Hengelo BV, M.T.R.C. special plating, Magistor BV, Mavom Chemie BV, MECHEMPRO, Mefiag BV, Metagro Special Coatings, Metalas Cleaning Systems BV, MSP Systems B.V., Multinal Group, Multivalent BV, NauMetrics PMI, NEW WAY TECHNOLOGY, NTS Finish BV, Oerlikon Balzers, Omnia, Omya, Overveld Coating B.V., Packo Surface Treatment, Paint It, PLPCoatings bv, PM Surface, PROTECH – OXYPLAST, Prototaq B.V., Railtechniek van Herwijnen BV, Rasco BV, ROB - LOUAGE & WISSELINCK, RÖSLER Benelux B.V., Saint-Gobain Abrasives, Schröder Plating Service BV, SHERWIN WILLIAMS, Silbelco Europe / Eurogrip BV, Sir John B.V., Special Coatings GmbH & Co. KG, SpongeBlasting Benelux BV, Surface Treatment Nederland b.v., Sybrandy BV, Technospray BV, The Stainless Solutions Group BV, Topfinish, TQC, tqm systems, Unifour B.V., UTS Hang & Mask, van Aerssen technics / finishing, Venema Pers- en Automatiseringssystemen B.V., Vereniging ION, WAAK, Wagner Systemen Nederland B.V., Weert Groep, WSB Finishing Equipment BV, Zandleven Coatings ...

Enter the huge Dutch and Belgium market and boost your turnover

Don't miss it! Within only three days you will meet more than 6.000 motivated surface treatment experts and clients (OEMs) from the industry and other sectors. Clearly, at a specialist trade fair like Surface the visitor will only be interested in your area of expertise, and that's of course what you want. Meanwhile, phase 3 of the plan was launched and Surface 2016 will be approximately **10 - 15%** larger than the previous edition in 2014.

For a low price you will efficiently reach your target groups at this important market and/or find a distributor. Respond quickly. For more information, call Rob Lindenbergh or Johan Heystek of 2XPO B.V., tel. +31 73 629 39 39 or return the answer form.

Visit our website www.surfacevakbeurs.nl and our Twitter page @Surfacevakbeurs for more information about the program and the theme squares.