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Symposium 2011
21. International Flock Symposium Munich

Members:
FLOCK-TEC Technische Beflockungen GmbH

Kahla:
touch!

Events:
Fairs, Exhibitions, etc.

21st

International Flock Symposium 2011
28th and 29th of March 2011 in Munich

The countdown for the 21st International Flock Symposium is on. Then you will have the chance to get the latest information about the newest trends and innovations in regards to flock.

With this issue we would also like to introduce another five speakers and their lectures. Information about all the lectures can also be found online at www.faoe.eu.

In case you do not have the programme yet you can find it here, with a klick on the advertisement below or just contact us by phone +49 (0) 9546/595840 or e-mail info@faoe.eu and we will send it.

Register now – there are still a few spaces available.

We are looking forward to hearing from you.
Flock against shock – Material Concepts for thermal and ballistic Protection

This lecture will present developments and their practical implementation of the textile and functional aerofabrix™ materials systems for Thermal and Ballistic Protection.

On behalf of a possible application in the automotive protective covers sector, the empirical development as well as the implementation of a subsystem and the demonstration of efficiency will be described.

CV of the Speaker, Dr. Alexander Bormann

Dr. Alexander Bormann studied Aviation Engineering in Berlin, at the Aerospace Institute and did his doctorate in 2004. Since 2000 he is engaged in material development of light insulations. In 2008 he founded the company “aeroix” which produces and distributes the insulant aeroix. Since 2009 he is CEO of the aeroix GmbH which is located in Berlin.
Flock as antifouling method for aquaculture

Currently, three methods prevail in the industry to prevent or mitigate fouling. Each of these methods to keep the nets clean has its drawbacks, there is room for improvement. For an alternative to be successful, it should be sustainable, cost effective and labor friendly.

Micanti has developed an antifouling method that covers all three of these aspects: by using flock, a prickly surface is created that prevents organisms to settle. As it is a physical mechanism, it is inherently sustainable, it has a long working lifetime as it is not based on leaching and as it needs to be applied only once for the lifetime of a net, it is also labor friendly.

This paper addresses the working mechanism by which flock prevents the fouling, explains some of the characteristics needed and shows results in practice. Some conclusions are drawn on the potential of the technology and challenges to come.

CV of the Speaker, Dr. Rik Breur

Dr Rik Breur studied Materials Science and Chemical Technology at the Delft University of Technology (The Netherlands), and subsequently obtained his PhD degree with topics related to environmentally friendly corrosion and fouling protection. After he obtained his PhD, Rik founded his own company Micanti in 2005. Micanti has been developing environmentally friendly antifouling methods. The first commercial product from these developments is Thorn-D®, a flock technology that protects the surface of marine materials from the growth of algae, mussels and other species.
Profile flocking systems: technologies and developments

The lecture analyses the state of art of flocking application on rubber and plastic profiles and the possible future developments.

This process has a long story and represents an important part of the turnover of the flock industry. Direct Flocking on profiles co-exists with other technologies like flock tape and slip coating.

The text offers a confrontation of these processes pointing out differences, advantages and disadvantages.
Further new technologies for managing profile with different flock colour in the same line are presented.
Finally the lecture describes flocking process for the corners created by the conjunction of two or more profiles.

Informationen zum Referenten, Dr. Alberto Sadun

Alberto Sadun born on 1966 in Florence. He studied economics at University of Florence and worked for a while in England. Since 1995 he works for AIGLE SRL and is shareholder and managing director of the company. His main task is sales & marketing and developing innovative products.
Aigle is one of the leading companies in manufacturing flocking and coating plants. Flocking has been part of Aigle’s culture for the last 50 years. In the last years Aigle has developed new technical solutions for flocking automotive profiles, 3D objects and roll to roll.
Overview on digital products of flock application for textile and further materials

Processes which create graphics and designs on a PC are called digital procedures. These graphics and designs are transferred to an output device.

In the production of many medias which are available for digital printing the conventional electrostatic flocking is the first step. Very often these products are flocked roll to roll on flocking lines.

This lecture will inform about the current methods and output devices.

CV of the Speaker, Claus Teller

Claus Teller, born in 1966 studied industrial engineer at the at the university Albstadt. He had his first contact with the flocking technology by doing his thesis at Maag Flockmaschinen. His main subject was the improvement of the sealing-wax test, from which the Ausreißtest of Maag Flockmaschinen has been developed.
In 1997 he started to work for Borchert + Moller GmbH in purchase and sales of flocking units and screen printing machines. Since January 2005 he is the managing director of Borchert + Moller GmbH & Co.KG.

Innovative applications of flock from interiors to science

This paper charts the development and intrigue of the flock process, beginning from an industrial and commercial perspective in the mid 90’s through to research and innovation in 2010.
CV of the Speaker, Trish Belford

Trish Belford stated her career 1986 as the Co-Director and Co-Founder of Belford Prints Ltd. in Macclesfield, Cheshire. Till 2004 she was responsible for creative, technical development and sales and managed 30 staff (employees). Clients included were: Vivienne Westwood, Jasper Conran, Zandra Rhodes, Neisha Crosland, Designers Guild.

From 2005 till 2009 she worked as a Senior Research Fellow at INTERFACE Research Centre in Art Technologies and Design, at School of Art and Design and at the University of Ulster in Northern Ireland.

Since 2009 she has been the Co Director and Co Founder of Tactility Factory (previously Girli Concrete) a University of Ulster spin out company which collaborates with Ruth Morrow, Professor of Architecture at the Queen’s University in Belfast. 3 patents are pending.

FLOCK-TEC Technische Beflockungen GmbH announces follow-up regulation

Ralf Heim is working at FLOCK-TEC Technische Beflockungen GmbH alongside Mr. Maag as sales manager since middle of 2009. In foreseeable future he will be his successor.

Mr. Heim is 32 years old and made an apprenticeship as precision mechanic, afterwards he studied and made his degree in Business Management (BA).

In the tradition of the long established FLOCK-TEC, Mr. Heim will also work active in the Association; he is part of the working group marketing already and is looking forward to further new tasks.
Two awards for flocked paper

An elegant look in connection with a very nice haptic – is what makes flocked paper so special. If it is invitations for particular events, brochures, book covers or Christmas cards – with flock you get a lot of attention.

Again our member FLOCK-TEC Technische Beflockungen GmbH received two awards for these products. They are winner of the DID-Awards from the german institute for print (Deutsches Institut Druck e.V.) and also got the second price from PrintStars, the innovation price of the german print industry. In both cases the book „extra – Enzyklopädie der experimentellen Druckveredelung“, a book about print finishings was awarded, in which FLOCK-TEC did the flocking part,

The effort of informing pinters, advertising agencies and graphic artists about Flock is also supported by specialist books which inform about Flock. It is also very good to see and even better to feel flocked products.

We congratulate our member to these awards.

You can inquire directly at info@flock-tec.de for flocked samples.
touch! – Porcelain with a velvety-soft surface design

Modern design, giving something an individual distinction that goes way beyond the actual function called for – that is the hallmark of the German porcelain manufacturer KAHLA/Thüringen Porzellan GmbH. Under the motto "Porcelain for the Senses" KAHLA develops innovative porcelain for the household, hotels and restaurants as well as individual promotional porcelain for industrial customers.

The touch! technology which is patented by KAHLA surprises with a fascinating sensual experience. touch! is the world’s first porcelain with a velvety-soft surface design.

With its special, three-dimensional coating in 12 shining colours, touch! offers additional functional properties like heat protection and noise reduction and it also meets the demands of a modern household: it has successfully passed extensive testing and is dishwasher safe, microwave resistant and suitable for use with food. Just shortly after its introduction touch! has won several international design awards, such as iF Award, red dot Award and the Good Design Award Chicago.

More information at www.kahlaporzellan.com or at the Online Shop at www.kahla-porzellanshop.de

Events

2011 China International Flocking Technology and Equipment Exhibition and Development Forum

From July 14th to July 16th 2011 in Shanghai at the New International Expo Centre, (No.2345 Longyang Road, Shanghai, P. R. China)

Further information at www.flockexpo.com
Association and members exhibit....

The Flock Association of Europe (FAoE) e. V. will exhibit with the members Borchert + Moller GmbH & Co.KG, Fluor Technik System GmbH and Schuster Beflockungstechnik GmbH + Co. KG at the trade fair Surface Technology in Hall 6 Stand H 50

24. – 26. 5. 2011 techtextil

The companies Koschaum GmbH and Velutex Flock S.A. will exhibit with the Association at the trade fair techtextil from 24. - 26.05.2011 in Frankfurt.

Visit us in Hall 4.1 Stand B37

Our following members also exhibit

Aigle Macchine SRL in hall 3.0 Stand A06
and
Fratelli Casati s.n.c. in hall 3.1 stand G59