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Introduction of the speakers**

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Aigle Macchine SRL**

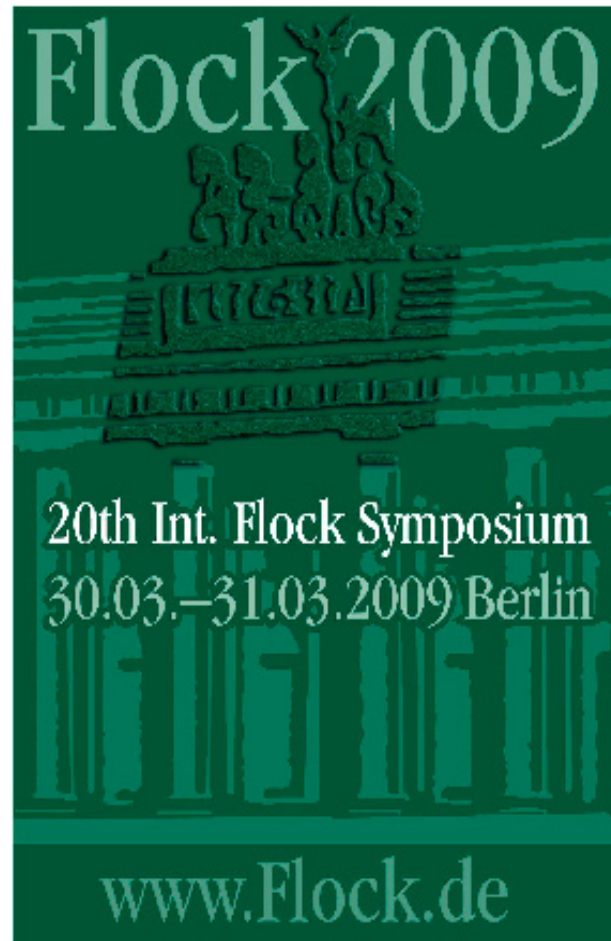
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The Countdown for the 20th International Flock Symposium is on. In only 2 weeks you will have the chance to enter into the world of flock for 2 days and get up to date with the latest developments and newest innovations in flock.

With this issue we would also like to introduce another 5 speakers and their lectures. Furthermore we are pleased to announce that there will be a display of pictures by Mr. Branko Stahl, this has been organised in parallel to the Symposium. You will find further information in his article “works of art which will touch you.”

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

We are looking forward to your registration

Verband der Flockindustrie Europa e.V.

Implementation of new attributes to all known types of fibres used for flocking

Lately requirements for antibacterial fibres became more and more, also in regards to Flock. Are there solutions to act within the possibilities of finished flock? There is need to keep in mind that materials can have desirable and undesirable side effects. Finishings which can be applied as a coating are mainly toxic and the liquor bath can not be discharged in ground-water or biological sewage plants.

For example by implementing silver in the Polymers a migration to the surface, where it could work does not take place. Now a solution has been found to add additives which cause a migration of the silver and which bring a longterm antibacterial effect with them.

An additional new attribute has been developed. Flock is hydropil whilst working with it, which is why it gets stuck to the glue so well. With a thermal shock it gets hydrophob and stain resistant.

CV of the Speaker

Dr Rudolph studied chemistry at the University in Jena. He did his doctorate in 1970 in „complex chemistry.“ He was working 5 year for the Leuna Werke and changed then to the chemical fibre group Rudolstadt / Thuringia. He handled the research in Flocktechnology and was also involved in the production of flocked floor covering. Nowadays he is an independent consultant.

Rotaryscreen with new attributes for the Flocktechnology

RSD screens and their multi-layer construction of glassfibre and silicon, which they stand out for, will be introduced. They have thicker and stronger walls than galvano screens and it is also easier to clean them. In combination with innovative gravures by laser they offer interesting, new opportunities, also for Flockprint, Flock on Flock and air-embossing.

CV of the Speaker

Daniel Mahler studied at the Artschool „Beaux Arts“ in Mulhouse, France, Arts and History and Textile-Design. After his studies he worked in the first instance as a Designer. Early his interest was drawn to the various technologies of screenmaking, especially rotary screen rolls for the rotary screen printing process. In this field he became an international working consultant.

He developed a new lasergravour – technology which was patented.

Today he is the R and D Manager at 3-D Laser Technology GmbH, Krefeld, Germany.

3 D Flocking: Innovative system for spraying adhesives

Adhesive application is a crucial and important phase of the flocking process, particularly by spraying adhesives on 3-D objects. With new 3-D flocking plants spraying adhesives and flocking is done in line by robots.

It used to be the problem that too much overspray accrued with all its difficulties: high consumption of adhesive, deposit of adhesive in the spray booth, high contamination of the exhaust filter. All of this negative effects also cause environmental problems.

Dedicated to this problem Aigle searched for a solution and solved the problem. Aigle integrated a special device into the spraying system which obviously affects the air electrostatically. The friction of particles in the spraying system affects the air going out of the spraygun.

With the above mentioned, innovative system, not only the overspray will be minimized but also an even layer of adhesive is spread on the pieces that brings a better quality in flocking, because a better dispersion of adhesive takes place. The orange peel affect is also minimized.

CV of the Speaker

Dr. Alberto Sadun studies economics at University of Florence. After his doctorate was accomplished he worked in England to gather work experience. After this he worked at his father's professional accountancy studio. In 1995 he started to work for AIGLE SRL, a well-known Manufacturer of Flock machinery. At present he is managing director and shareholder of the company. His main task is sales&marketing and developing innovative products.

Flocked wallpapers throughout history and nowadays

How long is flocked wallpaper on the market? You can not imagine! What ancient technique was used? When was the boom time and down time? When and why did the sleeping beauty wake up in our time? What will the future of it look like? All these questions will be answered by Anthony Evans of Cole & Son (Wallpaper) Ltd., founded in 1873.

CV of the Speaker

Anthony Evans, born on 20.05.1940 in London. Education at the Marlborough Collage in Wiltshire. (Same school as William Morris, but not at the same time). He started in the wallpaper industry in 1963 and has been involved in importing, exporting as well as manufacturing wallpaper. He had his own business, from 1983-1995, with an interior design in London.

In 2000, he, with 4 others bought Cole and Son from a big corporate group, where he was Managing Director.

In 2008 Coles was bought by a Swedish Company ECO-BORASTAPETER AB, a very well known wallpaper manufacture.

Efficient removing of restflock from 3-D parts and flat surfaces with an innovative cleaning system

The removal of excess flock and restflock is labor intensive and costly. The analytical search for the best innovative solution which leads to a constant result will be explained. For example cleaning of flocked glove boxes with difficult geometry, integrated in an existing processline will be explained.

CV of the Speaker

Klaus Nobis finished his apprenticeship as electrician and was working as a technician in measurements at the „Institut Mikroelektronik“ Dresden. In 1990 he finished his studies in electrotechnology at the university of applied science in Berlin. From 1991 on he was working as a sales engineer at Dr.Escherich Munich/ Dresden. Since 1999 he is in charge of the technical sales and the customerservice at the sister company of Dr.Escherich, Kist machinery Dresden.

Works of art which will touch you

BRANKO STAHL – A TRIP INTO COLOUR

Close your eyes and feel the fullness and silkiness of the textile. Touch the surface gently and sense the velvet painting. A microcosm of coloured fibres, joined in a unique picture with a surprising effect.

You experience a complete new style of textile Art. The structure of the fibres brings out a picturesque, concentrated impression of colours. Daylight makes the colour swing, the tones mixing smoothly. Floating structures draw you into the space. Hidden motives open your mind. A display to inspire touching and dreaming.



Jimi Hendrix III / 50cm x 70cm

The base for this new textile painting was devised in February 2007 with a developed flock technique. Using his new textile process, Branko Stahl is designing unique pieces of art, which are fascinating with their unique depth and fineness. The appealing charisma of his work shows textile character. The fine, coloured flock fibres are mixing perfectly. Just like the chromaticity of society with all its individuals joined together, the impression of colours join together in a complex way driven by the interaction with light.

Unique, vibrant, pieces of art, this is a new kind of textile materiality with vigour and desirability.

Branko Stahl is working on social processes from the point of view of a physicist and an artist. The interaction with people and its realness are the central point of his work. The question of imprisonment during the evolutionary process becomes noticeable in his work. Special moods are developed with the almost tangible space of the paintings whose subtleness is reflected in the titles. The perception of sensuality, the abstraction of the mind, the warmth of the encounter, the infection of the moment, affect, colour, decency and language.



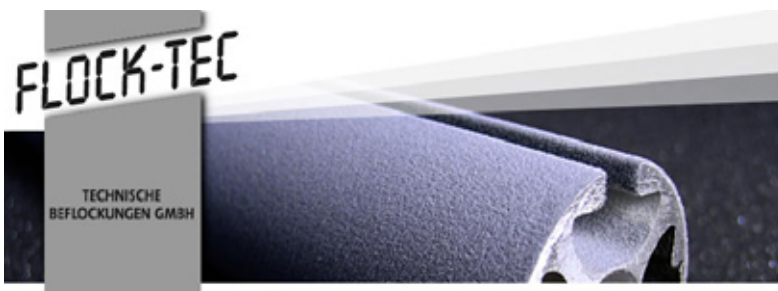
Spuren des Ich / 50cm x 70cm

Further Information about Dr. Branko Stahl and his work can be found at

www.macroflock.de



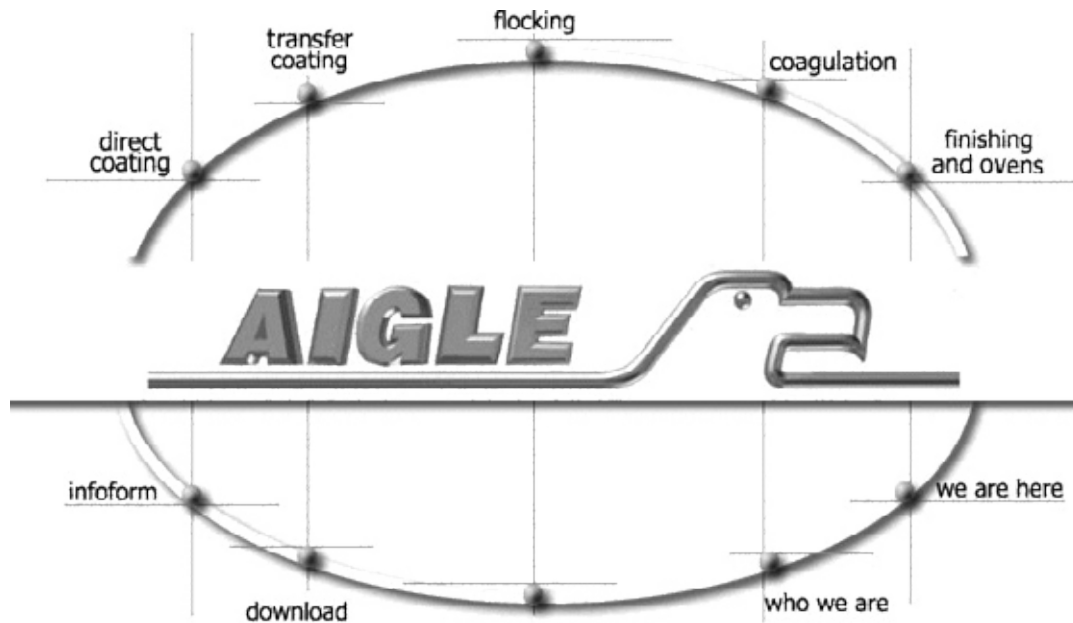
Neues Leben / Nacht ii



Our member FLOCK-TEC introduces their new Homepage with many pictures of different flocked articles.

www.flock-tec.de

Member Introduction



AIGLE began its activity in 1958 by producing flocking machines for all applications. The first ten years were spent in improving and developing the flock technology, particularly for the application in the textile field. In the year 1968, AIGLE started the construction of coating and laminating equipment considered as a natural extension of the former production.

AIGLE is designing, manufacturing and selling its equipment all over the world; machineries are manufactured in a factory, located in Borgaro Torinese.

AIGLE organization is consisting of:

Engineering department for mechanic, electric, pneumatic, thermic and hydraulic design, fully equipped for the industrial designing with 3D CAD system.

Production department equipped with modern tool machines and high profile carpentry.



Electropneumatic flock distributor mod. ESP1



Flocking machine mod. TT2

Electric/electronic department for studing and assistance of the control panels and PLC programming.

Technical and technological assistance for erecting and commissioning the equipment is considered a crucial part on the selling process of Aigle industrial culture.

Aigle recently invested many resources in research and development for updating and increasing the performances of flocking and coating plants.

Results of these efforts are machines and installations that now are allowing our customer to face the challenges that market is presenting. The sectors in which recently Aigle improved the offered technology are 3D flocking, Roll to roll and paper and technical (flocked and coa-

ted) products for advertising and packaging sector.

In the 3D and rubber profile flocking Aigle recently studied a innovative philosophy of plant that presents several advantages in terms of cost reductions of flocking process thanks to energy saves, lower flock waste and amount of waste production. These results are due to innovative technology of spraying systems, of the conditioning system and new design of the plant.

On roll to roll sectors Aigle has introduced an important innovation on flocking process for wall paper. Recently a new high capacity line has been started-up with two colors flock decoration.

On paper and technical products, Aigle has engineered a multi task line that offers not

only high quality flocking capacity but a combination of innovative processes for paper technology that gives to customer an integrated instrument for producing with one plant a multitude of technologies (i.e. glitter, UV coating, thickness coating) for responding dynamically to different market demands.

In more then 50 years of activity Aigle has accumulated a big experience on handling relationships with customers. Aigle can offer ready and deeply verified technical solutions to customer with precise and defined exigencies and technical requests; but Aigle can be also considered a partner for developing new projects for facing with sharp and successful tools the difficult and more and more pre-tending markets requests.



Flocking plant: general view



*Flocking machine
— mod. FR1/R*

...this FLOCK-News could contain an ad from you?

This unique newsletter for the flocking industry is delivered to over 700 recipients at the moment. Apart from the members of the association of flock industry Europe (reg.), there are also recipients who have requested the Newsletter on our homepage www.flock.de. Based on the concept to generate the FLOCK-News as a digital medium, it is also largely distributed within the companies subscribed to it and also on internet pages which make these FLOCK-News available to their visitors as well.

Use FLOCK-News in order to reach your potential customers world-wide with a targeted advertisement. For further information please contact us at +49 (0) 9546 595840 or by email at info@flock.de

„Flocked bags as a status symbol in the shopping mall“

Everyone knows the happy feeling of taking newly bought cloths from the sales assistant after paying.

By receiving new goods in a shabby paper or plastic bag gives no sense of pride in the product purchased!

Most of the time these ugly, functional, bags are hidden in the bag of a competitor.

By handing a bag, as shown in the picture, over to the shopper, you will generate interest and excitement, and moreover you might find them touching the soft surface forgetting all stresses of the shopping experience.

With a confident look on the face and head held high the shopper will proceed on their trial of success through the mall, knowing well that this special bag can be shown off proudly to other shoppers.

These kinds of empirical field studies are like gold in regard to marketing aspects and they always encourage



development of new and refined techniques for the advertising medium – the carrier bag. The permanent overload of impulses the customer receives demands continuous improvements to packaging. It is in the luxurious sector where the majority of our customers fit. It is also the sector in which companies have an extremely high degree of success selling products and defeating the competition, companies also work hard to promote the feeling that their customers are more discer-

ning than other shoppers. The flocked bag is a great non-verbal instrument for communication with the interaction between the sensory and the visual. They can be confidentially carried in the most up market consumer areas and leave a long lasting positive impression which also then promotes a positive attitude to the product.

Further information can be found at

www.exclusive-packaging.com

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