

## Indo-German Colour Conference receives overwhelming response

Almost 100 participants and official guests took part in the Indo-German conference on "Colour Measurement and Management" from 8 to 10 March 2010 in Mumbai, India. The conference was jointly organised by Graphic Arts Technology and Education (GATE), Mumbai, India, and the Institute for Print and Media Technology at Chemnitz University of Technology (pmTUC), Chemnitz, Germany. Presenters from India, Germany, Switzerland and Canada presented their ideas on today's challenges in colour reproduction and management. The sessions were moderated by experts such as Prof. Rajendrakumar Anayath, Prof. Abhay Sharma, Prof. Arved Hübler and Kiran Prayagi. The conference witnessed a well distributed audience from different areas, including design, press and cylinder manufacturing, advertising, pre-press, paper manufacturing and academic backgrounds.

Prof. Ranjan Joshi provided an overview of colour appearances from an artist's view point providing examples from the work of Van Gough. Vishal Bhende, a well known Indian photographer, explained the critical situations in colour capturing using camera devices. The fundamentals of the CIE system were explained by Mr. Kiran Prayagi from GATE. The device independent colour gamut and the concept of colour management play a key role to understand the behaviour of different devices, their characteristics and profiling. Prof. Abhay Sharma from Ryerson University, Canada, being an expert in this field, focussed on colour management and essential factors for good colour reproduction.

Markus Schnitzlein (Chromasens) spoke about the upcoming technologies of multi-channel spectral camera systems and the importance of shot noise in measurement systems.



According to Vidhu Gautam's (Kodak) presentation titled "Colour Management - Don't Over Think It!" the three most important factors in colour management are communicate, control and confirm. His main message was that management of these three tools leads to effective colour management. Heidelberg India presented the idea of "Fingerprinting the Press", identifying the correct factors for colour control on the press.

Mr. Christian Benz from X-Rite spoke about ink formulation software and the management of ink left over in the ink kitchen. The importance of colour from a press manufacturer's point of view and colour management workflow on the press were the focus of Leopold von der Gablentz from manroland. Paritosh Prayagi and Prof. Dr. Arved Hübler from the pmTUC introduced (multi-)spectral technologies in graphic colour reproduction and their applications. Further, Prof. Hübler presented a short technology roadmap for colour technologies. Dr. Gert Schlegel (pmTUC) presented an innovative spray inking system for offset printing presses. He focussed on the output quality of this spray inking system in comparison to conventional inking systems.

The last day of the conference was dedicated to a workshop, where companies, like Chromasens, X-Rite, Heidelberg, and Grafica Flexotronica could present their products.

All in all, the conference was a great success covering different aspects of colour in graphic reproduction, ranging from design, the CIE system, ink formulation and matching, spectral technologies, shot noise, colour management on the press, up to inking systems and many other interesting areas.

The conference was sponsored by the German Federal Ministry of Education and Research (BMBF), Chromasens, Heidelberg, manroland, X-Rite and Kodak. Print Week India provided the media support.

GS, PP



## Students from Manipal University do internship in Germany

Two Bachelor students from Manipal are currently in Germany for a four-month industry internship. During their stay the students work on their Bachelor Thesis. In this issue, you can find a report by Taslim Khan, intern at Koenig & Bauer AG in Radebeul.



With almost 3 months over, the memory of landing in Germany still seems fresh. With all the excitement of working with one of the biggest manufacturers of printing machines in the world, it has been an amazing journey till now. Getting to know the new culture and blending with people in this foreign land has been a great experience. The initial apprehensions have gone in just a few days after arriving in Germany and realizing that people will give their best shot for helping us. With the warmth of the colleagues and friends, it never felt too lonely for me. Attending the intensive language course in Chemnitz was one of the highlights of this period along with many excursions and the fun I had with my classmates. Learning a new language is always fun, but I had to take special interest in this course as I realized how important the language is for a foreign intern. During the initial days, I had to overcome the greatest problem which the whole of Europe was experiencing – EXTREME COLD. For a person like me who comes from a place (Bangalore, India) where the climate is very moderate & stays decent throughout the year, this COLD was unbearable. The positive side of this year's winter was the long duration of snow fall. It was all white everywhere with shades of grey, a perfect scene for a monochrome graphic artist. The only strange thing which I noticed here in Germany is the celebration of "Printer's Day" which falls on the 24th of February. I was highly disappointed to know that here in the "Land

of Printing" most of the people associated with print media are not aware of any such day. Everyone I wished 'A Happy Printer's Day' was really surprised about this particular day. All confused! We, in India celebrate "Printer's Day" with lot of pride... pride of being a printer!

"If you want to be best, you have to be with the best". Working with KBA has been a great experience. It's a different atmosphere and you know why they (KBA) are the best. It is all in the spirits they work with the passion...and the way people love what they do. I have always dreamt of working at KBA and companies alike. I have been fascinated by 'PRINTING' for long and this same fascination brought me here to KBA. The decision to work at KBA for my Bachelor thesis was one of the best in my life. Apart from learning the new technologies, KBA has given me complete freedom to work on my project, which is related to colour management & illumination. There is no stopping in here.

Before I conclude, I would like to thank Manipal University, Chemnitz University & not to forget Koenig & Bauer AG for giving me this opportunity of doing my engineering project here & experiencing German life! Tschüss!  
TK

### Public holidays in May

India	Germany
01 May 2010 May Day	01 May 2010 May Day
27 May 2010 Gautam Buddha's Birthday	13 May 2010 Ascension Day
	23-24 May 2010 Whitsun

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