

Technical Colour Seminar, for Flexographic Industry.

Sessions from 13th to 14th June 2016.

Will be realized at the Comexi Group facilities and the Technological Park of the University of Girona.

With the collaboration of benchmark experts in the color sector.

ATTENDANTS

Professionals of flexible packaging sector.

Language: English

ENROLMENT

TECHNOLOGICAL CENTER MANEL XIFRA BOADA

Program fee: 950 Euro (*)

Payment of the full amount is due prior to the start of the program.

Enrolment deadline: 06/06/2016

For registration please send an email to

Mrs. Peggy van Vlijmen:

peggy.vanvlijmen@comexigroup.com

(*) Fee includes Hotel accommodation during 2 nights, local transports, class materials and lunch and dinner each day.

TECHNICAL COLOUR SEMINAR

For Flexographic
Industry

13th and 14th
June 2016



Organized:



Collaborate:



TECHNICAL COLOUR SEMINAR

13th and 14th June

Monday 13th

- 9:00-9:15 **Welcome and program presentation**
- 9:15-11:00 **Colour Theory**
What is colour?
Colour quantification CIE
Lab model / Lch model
Colour space
Colour difference (DeltaE)
Terminology and concepts
- 11:00-11:15 **Coffee Break**
- 11:15-12:00 **Measuring equipment**
Spectrophotometer
Densitometer
Colorimeter
- 12:00-13:00 **Measurement Settings**
Density
Status T y E
Polarization filters
Equation (ABS vs PAP)
Colour
Illuminant
Observer
Equation (ABS vs PAP)
- 13:00-14:45 **Lunch**
- 14:45-15:15 **Colour Management I and control elements**
Screening types (AM, FM, HD)
Screening angles (Moiré)
Flat dot VS round dot
Dot Percentage
Dot gain
Contrast
Trapping
Grey Balance

- 15:15-17:15 **Printing press characterization:**
Control of process colours II. Benchmark practice session
Benchmark
Calibration test
ICC Profiles
Compensation curves
Minimum printable dot
Colorimetric test
Contract test
- 17:15-17:45 **Multicolor System:**
Heptachrome concept
Extended Gamut
Steps and tools
- 17:45-18:00 **Questions and doubts**

Tuesday 14th

- 09:00-10:00 **Introduction to inks formulation**
Ink bases
Colour space Lch/Lab
- 10:00 -11:00 **Color management:**
Control of solid colours. Practical exercise
- 11:00-11:15 **Coffee Break**
- 11:15-13:00 **Colour management:**
Practical exercise: Colour matching
- 13:00-14:45 **Lunch**
- 14:45-15:30 **Presentation Cingular Match I i II**
Colorflex
- 15:30-16:00 **Round table:** questions and doubts
- 16:00-16:15 **CLAUSURE and delivering documentation**