

**16.00** Invited trainer: Arie Hooimeijer, KCPK, The Netherlands:  
Slim and smart supply chains: Paper and board, solid board  
Sanja Bencetić, Croatia: Inclusive approach to packaging design  
WGs Summaries

**17:30** Closure of the Day

## Day 4 Thursday, September 15

**9.00** Visit to Model pakiranja d.d, Višnja Ivanov, mag.ing. QA manager

**13.00** Lunch

**14.00** Moderator: Sonja Jamnicki  
Silva Grilj, Slovenia: Print quality on recycled papers  
Igor Majnarić, Croatia: Study of electrophotography with liquid toner (electroink)  
Suzana Pasanec - Preprotić, Branka Lajić, Croatia:  
The high grades papers bindability impact factors  
Irena Bates, Croatia: Flexography – the leading technology in packaging printing  
Davor Donevski, Croatia: Statistical Analysis of CRD Model Terms

**15.30** Coffee break

**16.00** Final remarks: Branka Lozo

**17.30** Training School Closure



## COST Action FP 1003

Impact of renewable materials in packaging for sustainability  
Development of renewable fibre and bio-based materials for new packaging applications

BOX IS A BOX design by Vesna Prizmić, Ivana Borovnjak & Damir Prizmić, 2009



# program

**COST Training School**  
New technologies for treatments in the end-of-use of packaging materials

Zagreb Croatia 12 - 15 September 2011  
University of Zagreb Faculty of Graphic Arts

## Day 1 Monday, September 12

- 8.30** Registration
- 9.00** Training School Opening Ceremony:  
Prof. Diana Milčić, Dean of the Faculty of Graphic Arts: Welcome address  
Prof. Melita Kovačević, Vice-Rector of the University of Zagreb: Importance of internationalization of doctoral candidates  
Prof. Sandra Bischof Vukušić, Faculty of Textile Technology: Importance of EU Projects for the Academic Sector  
Damir Jeličić, prof, Ministry of Science, Education and Sport: European Science Foundation: COST – European Cooperation in Science and Technology  
Prof. Radovan Despot, COST DC FPS: Domain: Forests, their Products and Services
- 10.00** Invited trainer: Diana Gregor Svetec, University of Ljubljana, Slovenia: Sustainability and the Cradle to Cradle Concept

### 11.00 Coffee Break

- 11.30** Moderator: Iva Bilušić  
Panu Lahtinen, Finland: Studies of demand driven packaging production  
Patrycja Sumińska, Poland: Selected, environmental friendly innovative packaging materials and technologies implemented by CBIMO  
Katriina Matilainen, Finland: Biobarriers - challenging the traditional barrier materials  
Mario Ščetar, Croatia: Polymer films for food packaging modified by zeolite and nanoclay

### 13.00 Lunch

- 14.00** Moderator: Martina Mazalik  
“Speed dating” - Part 1

### 15.30 Coffee Break

- 16.00** “Speed dating” - Part 2  
**17:30** Closure of the Day

### Evening City tour, optional

## Day 2 Tuesday, September 13

- 9.00** Formation of WGs  
Moderator: Irena Bates  
Maja Jakovljević, Croatia: Bio-based materials – packaging for sustainability  
Mojca Friškovec, Slovenia: Thermochromic inks used on smart packaging  
Martina Mazalik, Croatia: Time-temperature and freshness indicators  
Dorothea Kovačević, Croatia: A review of the most common pictogram applications on the candle package

## COST Training School Program

The Venue: Faculty of Graphic Arts, Zagreb, Getaldićeva 2, The Conference Hall

### 11.00 Coffee Break

- 11.30** Invited trainer: Graziano Elegir, SSCCP, Italy: Fibre-based packaging recyclability  
Moderator: Davor Donevski  
Adrian Catalin Puitel, Romania: Non woods as alternative fiber source in pulp and paper industry  
Juuso Rantanen, Finland: Ultra high consistency forming research using novel raw materials

### 13.00 Lunch

- 14.00** Moderator: Diana Gregor Svetec  
Working Groups

### 15.30 Coffee Break

- 16.00** Invited trainer: Jori Ringman – Beck, CEPI, Belgium: The legal framework for paper recycling: Where does end-of-waste fit in?  
Sonja Jamnicki, Croatia: Food packaging made from recycled paper and board: an overview of European legislation

- 17:30** Closure of the Day

### Evening Conference Dinner

## Day 3 Wednesday, September 14

- 9.00** Visit to The National and University Library: Manuscripts and Old Books Collection

### 11.00 Coffee Break

- 11.30** Invited trainer: Patrizia Sadocco, SSCCP, Italy: Organic recovery  
Moderator: Dorothea Kovačević  
Mari Pau Balaguer, Spain: How do functional improvements of bioplastics affect biodegradability?  
Urška Vrabič Brodnjak, Slovenia: Structure and properties of biodegradable cellulose fibres

### 13.00 Lunch

- 14.00** Workshop: The Creativity in Packaging Design  
Iva Bilušić and Josip Bota, Croatia

### 15.30 Coffee Break