



COST ACTION FA0904

Short Training School

**DEEPENING THE KNOWLEDGE IN THE FIELD OF
POLYMER NANOMATERIALS FOR FOOD PACKAGING AND
OTHER POTENTIAL USES: THEORY AND PRACTICE**



3-5 November 2011, Skopje, R. Macedonia



COST ACTION FA0904

“Eco-sustainable food packaging based on polymer nanomaterials”

SHORT TRAINING SCHOOL

“Deepening the knowledge in the field of polymer nanomaterials for food packaging and other potential uses: theory and practice”

3-5 November 2011, Skopje, R. Macedonia

PROGRAMME AND ABSTRACTS

Local organizing committee:

Frederika Popovska – Pavlovska

Institute for Testing Materials and Development of New Technologies
University “St’s Cyril and Methodius” Skopje
Rade Koncar, 16, 1000 Skopje

Aneta Vasiljevik – Shikaleska

Integrated Business Faculty, Skopje
Kosta Novakovic 8, 1000 Skopje

Venue:

Faculty of Civil Engineering
University “St’s Cyril and Methodius” Skopje
Bul. Partizanski odredi 24, P.F. 560, Skopje, R. Macedonia 1000

Programme

3rd of November, 2011

09.00 **Registration**
09.30-10.00 Welcome to participants

Lectures

Chair: Frederika Popovska Pavlovska

10.00 - 11.30 **D-r Clara Silvestre**, COST FA0904 Chair, ICTP-CNR Naples, Italy
“Polymer Nanomaterials for Food Packaging: Structure- Processing-
Properties Relationships”

11.30 -11.40 Coffee Break

11.40-13.10 **D-r Jose Maria Lagaron**, IATA CSIC Paterna, Spain
“Natural Nanotechs to Extent Food Biopackaging Shelf-life: Theoretical
and Practical Aspects as to How to Shape Innovation in the Food Area
with the Small”

13.10-14.30 Lunch and networking

Chair: Clara Silvestre

14.40-16.10 **Prof. D-r Frederika Popovska-Pavlovska**, University “Ss Cyril and
Methodius”, Skopje, R. Macedonia
“Rheological Behaviour in a Context of the Relationship Formulation-
Processing-Ultimate Properties of Advanced Polymer Materials”
MSc Aneta Vasiljevik-Shikaleska, Integrated Business Faculty,
Skopje, R. Macedonia
- Practical aspects of previous lecture

16.10 -16.20 Coffee Break

16.20-17.50 **Prof. D-r M. Kozlowski**, Wroclaw University of Technology, Poland
“Processing and Recycling of Polymer Nanocomposites and
Biodegradable Materials”
MSc Joanna Macyszyn, Wroclaw University of Technology, Poland
- Practical aspects of previous lecture

4th of November, 2011

Chair: Jose Maria Lagaron

09.00-10.30 **D-r Yildirim Selcuk**, Zurich University of Applied Sciences,
Wädenswil, Switzerland
“Preservation of Quality and Safety of Food through Packaging.
Opportunities, Potentials and Challenges for Improved, Active and
Intelligent Polymer Nanomaterials”

10.30-10.40 Coffee Break

- 10.40-11.30 **D-r Yasemin J. Erden**, St Mary's University College, London, UK
"Ethics, Communication and Safety in the Use of PNFP".
- 11.30-13.00 **Prof. D-r Sonja Srbinovska, prof. d-r Biljana Petanovska-Ilievska**,
Faculty of Agricultural Sciences and Food, Ss. Cyril and Methodius
University, Skopje
"Migrants from Food Contact Materials"
- 13.00-15.00 Lunch and networking
Chair: Aneta Vasiljevik-Shikaleska
- 15.15-16.00 **Prof. Margareta Balabanova-Stefanova, M.D., Ph.D.**, Clinic of
Dermatology, Medical Faculty, Skopje R. Macedonia
"Nanotechnology in Food Supplements and Cosmetics"
- 16.00-16.10 Coffee Break
- 16.10-17.00 **Ass. Prof. Vladimir Kendrovski, M.D., Ph.D.**, Institute for Public
Health of R. Macedonia, Medical Faculty, Skopje, R. Macedonia
"Risk Assessment Concerning Potential Risks Arising from
Applications of Nanotechnologies to Food and Feed"

5th of November, 2011

- 09.30-11.00 Round Table "Ways of Intensifying the Cooperation Between the WG's
of this Action and Participation in Joint Projects"
- 11.30-13:00 Group visit to Laboratories