

# POLYMER MATERIALS AND HEALTH

## INVITATION TO WORKSHOP

13 - 15 APRIL 2015

### WHEN AND WHERE?

DATE: 13 - 15 April 2015

START TIME: 8:00

VENUE: Polymer Technology College  
Ozare 19  
SI-2380 Slovenj Gradec  
2<sup>nd</sup> floor, lecture room P1



The workshop is organized within operation "Internationalisation of the Polymer Technology College", which was approved in the Public tender for co-financing activities in years 2013-2015, which foster the internationalisation of higher education (OG RS, no. 63/2013, from 26 July 2013).

### TOPICS

The workshop will be a combination of lectures and laboratory exercises. During three days the following areas will be covered:

- Synthesis and characterisation of polymer materials used for medical purposes
- Processing and designing of products and Health and environment impacts
- Practical applications of polymer materials, especially for medical purposes

The lectures and laboratory exercises of foreign guest lecturers will be held in English language.



The operation is partially financed by the European Union, through the European Social Fund and by the Ministry of Education, Science and Sport. The operation is implemented in the framework of the Operational Programme for Human Resource Development for the Period 2007-2013; 3<sup>rd</sup> Priority Axis: "Development of human resources and of life-long learning"; Activity 3.3 "Quality, competitiveness and responsiveness of higher education."

## PROGRAM

### MONDAY, 13. 4. 2015

8:00 - 8:10	REGISTRATION
8:10 - 8:15	WELCOME
8:15 - 10:30	<i>Polymers as Biomaterials in Medicine and Dentistry</i> VOJKAN LAZIĆ, University of Belgrade, School of Dental Medicine, Republic of Serbia
10:30 - 10:45	BREAK
10:45 - 12:15	<i>Polymers as Biomaterials in Medicine and Dentistry</i> VOJKAN LAZIĆ, University of Belgrade, School of Dental Medicine, Republic of Serbia
12:15 - 13:00	BREAK
13:00 - 14:30	<i>Nanosafety</i> MAJA REMŠKAR, Jozef Stefan Institute, Slovenia
14:30 - 14:45	BREAK
14:45 - 16:00	<i>Materials in Contact with Foodstuffs Made of Polymers</i> VIVIANA GOLJA, National Institute of Public Health, Slovenia

### TUESDAY, 14. 4. 2015

8:00 - 8:15	REGISTRATION
8:15 - 10:30	<i>Application of Poly(2-Oxazoline)s in Sanitary and Medical Applications</i> FRANK WIESBROCK, Polymer Competence Center Leoben, Austria
10:30 - 10:45	BREAK
10:45 - 12:15	<i>Antimicrobial Functionalisation of Polymer Materials for Medical Purposes</i> LIDIJA FRAS ZEMLJIČ, University of Maribor, Faculty of Mechanical Engineering, Slovenia Co - authors: Karin Stana Kleinschek in Tijana Ristić
12:15 - 13:00	BREAK
13:00 - 14:30	<i>Photopolymerization as a Tool for the Fabrication and Structuring of Biomaterials</i> CHRISTIAN GORSCHKE, Vienna University of Technology, Austria
14:30 - 14:45	BREAK
14:45 - 16:00	<i>Medical Materials – the Difference between Materials, which could be Useful in Medicine and Real Medical Materials</i> LENART GIRANDON, TE - Educell d.o.o., Slovenia

### WEDNESDAY, 15. 4. 2015

8:00 - 8:15	REGISTRATION
8:15 - 9:45	<i>Building Bone with Polymers: An Unconventional Approach</i> MATTHEW L. BECKKER, University of Akron, USA
9:45 - 10:00	BREAK
10:00 - 11:30	<i>Building Bone with Polymers: An Unconventional Approach</i> MATTHEW L. BECKKER, University of Akron, USA
11:30 - 12:00	BREAK
12:00 - 14:15	<i>Porous Polymers in Biomedicine: Creation and Role of Porosity</i> PETER KRAJNC, University of Maribor, Faculty of Chemistry and Chemical Engineering, Slovenia