

25 – 29 June 2018
Cracow University of Technology

1st BIOART Workshop:
biomaterials to nanostructures

under the project

**Innovative Multidisciplinary Curriculum
in Artificial Implants for Bio-
Engineering BSc/MSc Degrees
(586114-EPP-1-2017-1-ES-EPPKA2-CBHE-JP)**

Agenda

Venue: Jana Pawła II 37 A, room: D112

25.06.2018

- 10:00 – 10:10 Welcome by Prof Jerzy Śladek, Dean of Faculty of Mechanical Engineering, CUT
- 10:10 – 10:20 Welcome by PhD David Luengo García UPM, Project Coordinator
- 10:20 – 10:25 Welcome by Janusz Mikula, Prof of CUT, Project Coordinator by CUT
- 10:25 – 10:30 Welcome by Grzegorz Milewski, Prof of CUT, Head of of the Department Experimental Mechanics and Biomechanics
- 10:30 – 12:30 Campus tour
- 12:30 – 13:30 Lunch Break
- 13:30 – 14:00 Presentation: Team effectiveness: communication & teamwork, cope with differences, attain mutual goals, lecture conducted by Sophie Thiebaut, TMMA
- 14:00 – 15:30 Presentation: Bologna Process, the higher educational system in the EU, lecture conducted by Isabel Deprez & Riko Van Dijk, TMMA
- 15:30 - 17:00 Presentation: Justification of travel/staff costs and reporting, lecture conducted by David Luengo García, UPM

26.06.2018

Venue: Jana Pawła II 37 A

- 10:00 – 11:30 Presentation: Development of biomedical embedded systems with commercially of the shelf components, lecture conducted by Patrick Pelgrims, TMMA
- 11:30 – 13:00 Presentation: Digital Systems Design – interfacing with an I²C sensor, lecture conducted by Dirk Van Merode, TMMA
- 13:00 - 14:00 Lunch break
- 14:00 – 15:30 Presentation: Biomaterials lecture conducted by Grzegorz Milewski, CUT
- 15:30 - 17:00 Presentation: Introduction to 3D printing for biomedical applications lecture conducted by Szymon Gądek, CUT

27.06.2018

- 10:00 – 11:30 Workshop in laboratory in 3 groups:

- Group 1: Biomaterials
- Group 2: Bio-ceramics
- Group 3: 3D printing for biomedical applications

11:30 – 13:00

Workshop in laboratory in 2 groups:

- Group 1: 3D printing for biomedical applications
- Group 2: Biomaterials
- Group 3: Bio-ceramics

13:00 – 14:00

Lunch break

14:00 – 15:30

Workshop in laboratory in 3 groups:

- Group 1: Bio-ceramics
- Group 2: 3D printing for biomedical applications
- Group 3: Biomaterials

15:30 – 17:00

Coordination meeting – dissemination / publication: discussion conducted by David Luengo García, UPM and Galina Tabunshchik, ZNTU (skype)

28.06.2018

10:00 – 11:30

Presentation: Computer simulations of multibody models in biomechanical engineering lecture conducted by Adam Ciszakiewicz, CUT

11:30 – 13:00

Presentation: Nanostructures and nanocapsules lecture conducted by Małgorzata Chwał CUT

13:00 - 14:00

Lunch break

14:00 – 17:00

Coordination meeting - curriculum development: discussion conducted by David Luengo García, UPM

17:00 – 18:30

Coordination meeting - procurement plan: discussion conducted by David Luengo García, UPM

29.06.2018

10:00 – 11:30

Coordination meeting – quality plan: discussion conducted by David Luengo García, UPM, Stephanie Nestawal DUK, Albert Treytl DUK

11:30 – 13:00

Summary meeting: discussion

13:00 - 14:00

Lunch break

14:00 – 17:00

Individual meetings between the partners