



Co-funded by the
Erasmus+ Programme
of the European Union



PILOT TEACHING

Vinnitsia National Technical University

31 May – 3 June 2021

KA2 BIOART

**“BIOART (Innovative Multi-disciplinary
Curriculum in Artificial Implants for Bio-
Engineering BSc/MSc Degrees) ”**

AGENDA

Chairs: O. Hrushko
I. Vishtak
S. Tymchyk



Co-funded by the
Erasmus+ Programme
of the European Union



Innovative Multidisciplinary Curriculum in Artificial Implants for Bio-Engineering BSc/MSc Degrees – BIOART

586114-EPP-1-2017-1-ES-EPPKA2-CBHE-JP

Draft of Agenda of the Project Meeting

31 May - 3 June 2021

In Vinnytsia National Technical University

31st May (Monday). Online.

Join the conference Zoom:

<https://zoom.us/j/7028835895?pwd=TUIZcGZnNWRHNE02N0tweEpDNGpyZz09>

Conference ID: 702 883 5895

Access code: bioart2021

09.30-09.50	Welcome by coordinator BIOART in VNTU Oleksandr Hrushko. Welcome by coordinator BIOART David Luengo. Welcome by Sergii Pavlov with presentation about VNTU and Department of Biomedical Engineering
10.00-11.20	Lecture from Leuven Catholic University (KU Leuven): <i>Ultrasound based tibiofemoral kinematics measurement in knee implant assessment</i> - lecture conducted by Kenan Niu

1st June (Tuesday). Online.

Join the conference Zoom:

<https://zoom.us/j/7028835895?pwd=TUIZcGZnNWRHNE02N0tweEpDNGpyZz09>

Conference ID: 702 883 5895

Access code: bioart2021

10.00-11.20	Lecture from University for Continuing Education – Danube University Krems: <i>Embedded intelligence Goal: Understanding of concept of integrated sensor systems or What is required that a sensor can be fully operational in a system</i> - lecture conducted by Albert Treytl
12.00-13.20	Lecture from Leuven Catholic University (KU Leuven): <i>Design technology for bio-medical engineering, on additive manufacturing, on virtual prototypes</i> – lecture conducted by Peter Arras

2^d June (Wednesday). Online.

Join the conference Zoom:

<https://zoom.us/j/7028835895?pwd=TU1ZcGZnNWRHNE02N0tweEpDNGpyZz09>

Conference ID: 702 883 5895

Access code: bioart2021

10.00-11.20	Lectures from Cracow University of Technology: <i>Fundamentals of 3D printing for biomedical applications</i> - lecture conducted by Szymon Gądek
12.00-13.20	Lectures from National University “Zaporizhzhia Polytechnic”: <i>Quality of the Medical IOT systems</i> - lecture conducted by Galyna Tabunshchyk

3^d June (Thursday). Online.

Join the conference Zoom:

<https://zoom.us/j/7028835895?pwd=TU1ZcGZnNWRHNE02N0tweEpDNGpyZz09>

Conference ID: 702 883 5895

Access code: bioart2021

10.00-11.20	Lecture from Universidad Politecnica de Madrid: <i>ECG-Based Biometric Recognition: Signal Processing and Machine Learning Algorithms</i> - lecture conducted by David Luengo
12.00-13.20	Project meeting

*Pilot training is carried out with the support of the departments VNTU:
Biomedical Engineering,
Automation technologies for mechanical engineering,
Strength of Materials and Applied Mechanics,
Industrial Engineering.*

Time in agenda is now local European.