Organizer: MEDICAL UNIVERSITY "Prof. Dr Paraskev Stoyanov" VARNA

ПОКАНА

Ръководството на Медицински университет - Варна,
има удоволствието да Ви покани на

BIOMEDICAL ENGINEERING WORKSHOP

който ще се състои на **28.06.2024 г. /петък/от 13:00 часа**
в Зала 816, ет. 8 във Факултета по фармация
на адрес бул. „Цар Освободител“ №84.

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BIOMEDICAL ENGINEERING

WORKSHOP

PROGRAM

27 June 2024 *(Thursday)*
Faculty of Dental Medicine, 6th floor, 613 hall

13:00 – 15:30 **Demonstrations and training** on "Application of modern CAD systems for manufacturing customized implants and virtual models for surgical interventions in general and dental medicine".

Lecturers and demonstrators:
-Dr Lech Dobrzanski, Eng, Poland;
-Dr Preslav Penchev, DDM, MU-Varna, Bulgaria;
-Dr Petar Valchanov, MD, MU-Varna, Bulgaria;
-Dr Nikolay Dukov, Eng, MU-Varna, Bulgaria.

15:30 – 16:00 **Coffee break**

16:00 – 17:00 **Round table** – discussion of learning outcomes, exchange of experience and discussion on organization of current and future joint research and projects.

28 June 2024 *(Friday)*
Faculty of Pharmacy, 8th floor, 816 hall

11:00 – 13:00 **Registration**

13:00 – 13:15 **WORKSHOP OPENING**

13:15 – 14:00 **Prof. Leszek A. Dobrzański & Dr. Lech B. Dobrzański,** *Medical and Dental Engineering Centre for Research, Design and Production ASKLEPIOS in Gliwice,* **Poland**
„The modern dental engineering significance in integrated industry idea development and consumer expectations increasing".

14:00 – 14:45 **Prof. Masaki Hashida,** *RIST Tokai university / ICR Kyoto University,* **Japan**
"Recent progress of laser induced nanostructuring for solar cell production and biomimetics".

14:45 – 15:30 **Dr. Lech B. Dobrzański,** *Medical and Dental Engineering Centre for Research, Design and Production ASKLEPIOS in Gliwice,* **Poland**
"Computer design and additive manufacturing in implant and prosthetic dental clinical treatment".

15:30 – 16:00 **Coffee break**

16:00 – 16:45 **Prof. Anna Danuta Dobrzanska-Danikiewicz,** *University of Zielona Gora,* **Poland**
"Frontier advanced materials including 3D printed Ti-based alloys".

16:45 – 17:15 **Prof. Sergey Kulinich,** *RIST Tokai university,* **Japan**
"TiNi-based materials manufactured via powder metallurgy approaches for medical implants".

17:15 – 17:45 **Prof. Tsanka Dikova,** *Medical University of Varna,* **Bulgaria**
"Personalized implants for bone regenerative therapy – initial results".

18:00 – 20:00 **Cocktail**
Faculty of Pharmacy, 9th floor, Winter garden

The workshop is organized in the framework of project № BG-RRP-2.004-0009-C02 financed by the European Union-NextGenerationEU, through the National Recovery and Resilience Plan of the Republic of Bulgaria.