

BETH2020

Biomedical Engineering and Technologies in Healthcare: *From education to patient treatment*

17 SEPTEMBER 2020

MEDICAL UNIVERSITY OF VARNA
VARNA, BULGARIA

PRELIMINARY SCIENTIFIC PROGRAM

THURSDAY, 17 SEPTEMBER 2020

10:00 – 10:20	Opening, Welcome addresses	<i>Todorka Kostadinova Antonya Dimova Margreta Vasileva</i>
10:20 – 10:40	<i>Biomedical Engineering and Technologies. Possibility and Perspective for education of engineers</i>	<i>Marinela Yordanova</i>
10:40 – 11:20	Plenary talk	
	<i>EMGB - Communication Principle based Electro-Myo-Graphic Bridges for Motor Function Rebuilding of Paralyzed Limbs</i>	<i>Zhi-Gong Wang</i>
11:20 – 11:40	<i>Center for simulation technology and medical equipment</i>	<i>Rosen Vasilev Yanita Chernogorova</i>
11:40 – 12:00	<i>Educational aspects in Biomedical Engineering and Technologies</i>	<i>Zhivko Bliznakov</i>
12:00 – 12:20	<i>3D printing applications in medicine</i>	<i>Petar Valchanov</i>
12.20 – 13.30	Break	



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Plenary talk		
13:30 – 14:10		<i>Lachezar Lichev</i>
14:10 – 14:30		<i>Valeri Mladenov</i>
14:30 – 14:45	<i>Ensuring high operational reliability of medical electronic apparatus</i>	<i>Anton Georgiev</i>
14:45 – 15:00	<i>Machine learning in Medical Imaging</i>	<i>Nikolay Dukov</i>
15:00 – 15:15	<i>Modelling and Simulation in Medical Imaging</i>	<i>Kristina Bliznakova</i>
15:15 – 15:30	<i>Ultrasound techniques for breast screening</i>	<i>Tihomir Georgiev</i>
15:30 – 15:45	<i>The role of information technology in health care</i>	<i>Neli Zafiroska</i>
15:45 – 16:00	<i>Training of Arthroscopic Skills: Initial results from using VirtaMed ArthroS</i>	<i>Hristo Simeonov, A. Gospodinov & Deyan Grancharov</i>
16:00 – 16:15	<i>Social policy in help for disadvantaged people</i>	<i>Mediha Hamza</i>
16:15 – 16:45	Discussion, Conclusions, Closing of the webinar	

