



Workshop on Regulation and Sustainability in Biomedical Engineering
Jointly organized by MSc BME-AUTH & BME-TAMU
Friday May 17, 2024

Agenda

Venue: Dept. Meeting Auditorium, Building D, Faculty of Engineering AUTH

Remotely via ZOOM: [Follow this link](#)

Moderator: Dimitris Kugiumtzis, Prof, School of Electrical and Computer Engineering, AUTH

Time		Activity
Greece	Texas	
17:00 - 17:30	09:00 - 09:30	<p>Opening remarks</p> <ul style="list-style-type: none"> • George Savaidis, Prof and Head of Dept of Mechanical Engineering - Representative of the Dean of the Faculty of Engineering, AUTH • Mike McShane, Prof and Head of Dept of BME, TAMU • Dimitris C. Lagoudas, University Distinguished Professor, TAMU • Panagiotis Bamidis, Prof, Director of MSc BME-AUTH • Nikos Michailidis, Prof, Coordinator of AUTH – TAMU partnership, AUTH
17:30 - 18:30	09:30- 10:30	<p>Diploma theses in BME, AUTH and TAMU</p> <ul style="list-style-type: none"> • Presentation of 2 diploma theses and discussion, AUTH <ul style="list-style-type: none"> - Dr Rampotas Vasilios: Digital tissue slide analysis for in vivo bone tissue engineering research - Alexandros Moraitopoulos: Incorporating Computer Vision Technologies for Unobtrusive Elderly Care: An Innovative Reflective Display System for Health Surveillance • Presentation of 2 diploma theses and discussion, TAMU <ul style="list-style-type: none"> - Daniel Searcy: Tactile Balloon Sinuplasty Device - Achu Byju: The ChorioAnchor™: Enabling Fully Percutaneous Fetal Interventions
18:30 - 18:45	10:30 - 10:45	Break
18:45 - 19:45	10:45 - 11:45	Regulatory processes in BME in US and EU
18:45 - 19:15	10:45 - 11:15	<ul style="list-style-type: none"> • FDA process for devices from design to approval John Criscione, Prof and Director of Bioinnovation Master's of Engineering Program, TAMU
19:15 - 19:45	11:15 - 11:45	<ul style="list-style-type: none"> • EU regulatory approval process for medical devices and in vitro diagnostics Chrysa Sardeli, Assoc Prof, School of Medicine & Laboratory for the Research of Medical Law and Bioethics, Faculty of Law, AUTH
19:45 - 20:25	11:45 - 12:25	Sustainability in BME in US and EU
19:45 - 20:05	11:45 - 12:05	<ul style="list-style-type: none"> • Integrating sustainability approaches in medical device design Saurabh Biswas, Prof of Practice, Dept of Biomedical Engineering, TAMU



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Biomedical Engineering

20:05 - 20:25	12:05 - 12:25	<ul style="list-style-type: none">• Safety and sustainability by design in biomedical products Denis Sarigiannis, Prof, School of Chemical Engineering, AUTH
20:25 - 20:45	12:25 - 12:45	Discussion on perspectives of cooperation in BME - teaching and research Coordination: Amalia Aggeli , Assoc. Prof, School of Chemical Engineering, AUTH
20:45 - 21:00	12:45 - 13:00	Closing remarks
21:30 - 23:00	13:30 - 15:00	Social event and networking