

**EMERALD: European network for 3D printing of biomimetic mechatronic systems
EEA & Norway Grant – 21-COP-0019**

**MULTIPLIER EVENT ON RESEARCH BASE LEARNING METHOD FOR
TEACHING IN BIO-MECHATRONICS**

POLITEHNICA University of Bucharest, Romania
Program

Date: 02.09.2022, between 9.00-14.00, UPB Central Library, Hall 2.2

Hour	Activity
9:00	Participants registration
9:15	Event opening Prof. Nicolae Ionescu (Politehnica University of Bucharest) / Prof. Tom Savu (Politehnica University of Bucharest) - Dep TCM
9:30	EMERALD Project- Presentation of 1 st Intellectual Output: EMERALD e-book for developing of biomimetic mechatronic systems (Smart materials Module, Sensors and Electronics Module), Assoc. Prof. Diana Baila (Politehnica University of Bucharest)
9:45	EMERALD Project— Main Aims, Actions and Activities of the project Presentation of 1 st Intellectual Output: EMERALD e-book for developing of biomimetic mechatronic systems (CAE Module, 3D Printing Module, Computer Programming) Assoc.Prof. Razvan Pacurar (Technical University of Cluj-Napoca)
10:20	University of Agder, Norway—Presentation of 1 st Intellectual Output: EMERALD e-book for developing of biomimetic mechatronic systems (Biomechanics Module) Prof. Filippo Sanfilippo (UiA)
10:40	Poznan University of Technology-Presentation of 1 st Intellectual Output: EMERALD e-book for developing of biomimetic mechatronic systems, (CAD Module, VR/AR Module) Prof. Filip Gorski (PUT)
11:00	Coffee Break
11:20	LEYKOM Company—Presentation (Additive manufacturing of prostheses: SLM, SLA, SLS, FRESH 3D Printing, etc)
12:00	Presentation of Intelligent (Smart) Materials Module Prof. Zaharia Catalin (Politehnica University of Bucharest)
12:30	ADMASYS Company-Presentation
13:10	Round table discussions about future potential collaboration in the bio-mechatronics / 3D printing domain - Assoc. Prof. Diana Baila (Politehnica University of Bucharest)
13:30	Interactive feedback, first impressions and reactions on I01 Final conclusions
14:00	Lunch time

EMERALD project consortium partners:

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