



**Eelisa Winter School of Bioengineering: 25-28.01.2023 (WSB 2023)**  
**Jointly organized by UPM and UPB**

**Venue:** University Politehnica of Bucharest, CAMPUS Research Institute, Conference Hall, 1<sup>st</sup> floor

**Coordinators:** Prof. Horia Iovu – UPB, Prof. José-Javier Serrano-Olmedo – UPM

Hour/Date	25.01.	26.02	27.01	28.01
9-11	9,30 Opening Ceremony Rector of UPB, Deans, Coordinators 10-12 UPM: Bryan Strange: Neurotechnology for Neuroscience (I)	UPM: Rocío Fernández Serra: Development of a silk fibroin-based pharmacological delivery vehicle for the treatment of ischemic stroke  UPM: José-Javier Serrano-Olmedo: Technology for nanomedicine	UPM: Blanca González Bermúdez: Trends in Biomateriales. Mecanobiology	UPB: Izabela Stancu: Engineering bioinspired hydrogels for cell-instructive scaffolds and surfaces
11-13	12-13 UPB: Horia Iovu: Trends in proteins engineering	UPM: Lilia Souiade: Magnetic hyperthermia against cancer UPM Javier Domingo: Optical hyperthermia against cancer	UPM: Paloma Lozano Picazo: Drug delivery using fibroin UPM: Milagros Jaén Vargas: Human activity recognition (online)	UPB: Adriana Lungu: 3D Bioprinting for Tissue and Organ Regeneration
13-14	Lunch	Lunch	Lunch	Lunch
14-16	UPB: Sorina Garea: Drug delivery systems based on polymeric nanocomposites	UPM: Josué : Wearable sensors for a healthier society (I)	UPM: Bryan Strange: Neurotechnology for Neuroscience (II)	UPB: Catalin Zaharia: Processing methods for biopolymers and biocomposites
16-18	UPB: Iuliana Biru: Synthetic polymers for biomedical applications	UPM: Josué : Wearable sensors for a healthier society (II)	UPM: José-Javier Serrano Olmedo : Trends in biosensors	UPB: Ciprian Iliescu: Organ-on- chips
Social program for staff	14.30: Visit to the Parliament House	19:00 Concert: Atheneum Hall	19:00 WSB Gala Dinner (5th floor, Rectorate building)	9-20 Trip to Prahova Valley including visit to Dracula Castle
Social program for students	19-21 Bucharest by night: walking tour in the City Center		19:00 WSB Gala Dinner (5th floor, Rectorate building)	19:00 Get together party in Downtown Bucharest