

OPEN INNOVATION AND INDUSTRIAL WORKSHOP iMPLANTS-CM



November 30th, 2022

EVENT SCHEDULE



WELCOME DESK: ACCREDITATION OF PARTICIPANTS - 9:30 – 10:00



LUNCH - 13:30– 15:00



INTRODUCTION - 10:00 – 10:30

- WELCOME WORDS
VICE-DEAN OF RESEARCH PROF. RICARDO PERERA VELAMAZAN AND DEAN PROF. ÓSCAR GARCÍA SUÁREZ - UNIVERSIDAD POLITÉCNICA DE MADRID
- BRIEF PRESENTATION OF IMPLANTS-CM PROJECT
PROF. ANDRÉS DÍAZ LANTADA AND PROF. JON MOLINA ALDAREGUIA - UNIVERSIDAD POLITÉCNICA DE MADRID
- MADRID'S RESEARCH STRATEGIES AND SYNERGY PROJECTS
MS. BÁRBARA FERNÁNDEZ REVUELTA - SUBDIRECTORA GENERAL DE INVESTIGACIÓN, COMUNIDAD DE MADRID



II. TRENDS IN PERSONALIZED AND SMART MEDICAL DEVICES AND BIOFABRICATION. 15:00 – 17:30

- TRENDS IN BIODEGRADABLE IMPLANTS FOR EVOLUTIVE MEDICAL DEVICES
DR. MÓNICA ECHEVERRY RENDON - IMDEA MATERIALS INSTITUTE
- TRENDS IN ORGAN-ON-CHIP DEVICES AND IN VITRO TISSUE MODELS
PROF. JENNIFER PATTERSON - IMDEA MATERIALS INSTITUTE



I. DESIGNING, MANUFACTURING AND EMPOWERING SMART MATERIALS - 10:30 – 13:30

- INTRODUCTION TO SMART SHAPE-MEMORY ALLOYS AND POLYMERS
PROF. SILVIA DE LA FLOR LÓPEZ - UNIVERSITAT ROVIRA I VIRGILI
- ENHANCING SHAPE-MORPHING ABILITY THROUGH METAMATERIALS AND MECHANISMS
PROF. ANDRÉS DÍAZ LANTADA - UNIVERSIDAD POLITÉCNICA DE MADRID
- CHALLENGES AND POTENTIALS OF 4D PRINTING WITH SHAPE-MEMORY ALLOYS.
PROF. JON MOLINA ALDAREGUIA - UNIVERSIDAD POLITÉCNICA DE MADRID / IMDEA MATERIALS INSTITUTE



COFFEE PAUSE - 16:00 – 16:30

- TRENDS IN REGENERATIVE MEDICINE.
PROF. MARCO HARMSEN - UNIVERSITY MEDICAL CENTER GRÖNINGEN
- TRENDS IN BIOFABRICATION AND BIONICS FOR HEALTH.
PROF. CARMELO DE MARIA - RESEARCH CENTER ENRICO PIAGGIO / UNIVERSITY OF PISA



COFFEE PAUSE - 12:00 – 12:30

- 3D PRINTING OF ENERGY SAVING MATERIALS
DR. TERESA PÉREZ PRADO - IMDEA MATERIALS INSTITUTE
- THE FUTURE OF ADDITIVE MANUFACTURING AND FUTURE MANUFACTURING HUBS.
PROF. IAIN TODD - UNIVERSITY OF SHEFFIELD / MAPP EPSRC FUTURE MANUFACTURING HUB



CLOSING REMARKS AND IMPLANTS-CM OPEN INNOVATION CALL - 17:30 – 18:00



SCAN FOR REGISTRATION

FIRST COME, FIRST SERVE BASIS UNTIL CAPACITY IS COMPLETE



SALÓN DE ACTOS, ETSI INDUSTRIALES, UPM
C/ JOSÉ GUTIÉRREZ ABASCAL 2, 28006, MADRID

