

BioImplant meets MgSafe:

Agenda for the second joint virtual ETN Workshop on Thursday,
08.04.2021

10:00 – 10:05 (CET)	Welcome	Ted and Regine
10:05 – 11:00	Short combined presentations of the ESRs: BioImplant:	10 min talks + 5 min discussion /WP
10:05 – 10:30	(i) Magnesium (Kerstin & Felix)	
10:30 – 10:55	(ii) Magnesium-based Composite Materials (Cillian & Wahaaj)	
10:55 – 11:10	(iii) Polymers and Coatings (Clara)	
11:10 – 12:00	Nominated Topics	
11:10-11:30	Martina Baldrich & Michael Kaiser (Syntellix AG): “Mechanical FEA of implants: basics and applications”	
11:30-12:00	Mario Milazzo: “Developing micro-prostheses: modelling and fabrication techniques”	
12:00 – 13:00	Lunch	
13:00 – 14:00	Short combined presentations of the ESRs: MgSafe:	10 min talks + 5 min discussion /WP
13:00-13:15	WP 1: Hard tissue remodelling (Heithem)	
13:15-13:30	WP 2: Soft tissue remodelling and inflammation (Christina)	
13:30-13:45	WP 3: Bone implant interface (Kamila)	
13:45-14:00	WP 4: En route to clinics (Valeria)	
14:00 – 14:10	Break	
14.10 - 15:00	Medical implant design	
14.10 – 14:35	Peter McHugh: “Micromechanical Modelling of Metals for Medical Implant Design”	
14:35 – 15:00	Mert Celikin: “Mg alloy design for biomedical applications”	
15:00	Final discussion	