

Workshop on “Mg alloy design and processing: degradable implant materials, basics in metal physics and corrosion”

- **Organizers:** Scanco & WUT & SYN with the help of HZG & BRI.TECH
- **Time:** 23-27.09.2019 (1 week)
- **Place:** SCANCO Medical AG, Fabrikweg 2, 8306 Brüttisellen, Switzerland

Program

Monday , 23rd September 2019	
Up to 12:00	Arrival and registration
12:00-13:00	Lunch
13:00-15:00	Basics in metals physics
15:00-15:30	Coffee break
15:30-17:30	Metals corrosion
Tuesday, 24th September 2019	
09:00-10:30	Synchrotron μ CT and SAXS
10:30-11:00	Coffee break
11:00-12:30	μ CT theory
12:30-13:30	Lunch
13:30-15:00	Live demo
15:00-15:30	Coffee break
15:30-17:00	Basic image analysis – Hands-on
Wednesday, 25th September 2019	
09:00-10:30	Biomaterials
10:30-11:00	Coffee break
11:00-12:30	Implant materials
12:30-13:30	Lunch
13:30-15:00	Implants design and performance
15:00-15:30	Coffee break
15:30-17:00	Working in the groups on project in biomaterials
19:00- 22:00	Dinner and networking
Thursday, 26th September 2019	
09:00-10:30	Mg alloy design
10:30-11:00	Coffee break
11:00-12:30	Mg alloy processing
12:30-13:30	Lunch
13:30-15:00	Mg implants and their performance
15:00-15:30	Coffee break
15:30-17:00	Working in the groups on project in Mg implants
Friday, 27th September 2019	
09:00-10:30	Machining learning
10:30-11:00	Coffee break
11:00-12:30	Summary of the working groups' projects and Workshop closing remarks
12:30-13:30	Lunch
13:30	Departure