

Surgical Innovations: Robotics and AI (moderator Pierre-Yves Sturbaut)			
Schedule	Topics presentation	Speakers	Organism
08h30-08h45	Welcome, chat, coffee		
08h45-08h50	Introduction	Pierre-Yves Sturbaut Senior Engineering Manager	STRYKER (SERF)
08h50-09h20	Robots tips and tricks : any future ?	Dr. Bertrand Semay Ortopedics Surgeon	Johnson & Johnson Clinical Research
09h20-09h50	Pro and cons on robots	Dr. Claude Rieker Managing Director - Founder	Orthosave
09h50-10h20	Coffee break		
AI in Development and Manufacturing of Implants (moderator Pr. Jérôme Pousin)			
10h20-10h50	Patient-specific models for diagnosis, intervention and therapy	Dr.-Ing. Elin Theilen Principal Scientist & Senior Product Manager	Fraunhofer Institute Digital Med. MEVIS
10h50-11h20	Robotics data management	Adam Henderson Lead Data Scientist Robotic AI	ZIMMER - BIOMET
11h20-11h50	AI : regulatory news	0	GMED
11h50-12h20	AI : An example of application in spine implants	Gael Volpi CEO - Founder	Spine Dynamix
12h20-13h30	Lunch		
Ecological Constraints in Implants (moderator Dr. Daniel Delfosse)			
13h30-14h00	Sustainable implants? What you have to do (and what not)	Daniel Delfosse Medtech Expert	Delfosse Medtech Consulting GmbH
14h00-14h30	Sustainable cutting oils - Segment Medical	Roger Brügger Product Manager Neat Oils	BLASER SWISSLUBE
14h30-15h00	Greenway™ 2.0 : The way we think, the way we act	Patrick J. DUCHI Worldwide Senior Cleaning Expert	INVENTEC-DEHON
15h00-15h45	Coffee break		
Strategic Raw Materials and Economics (moderator Pr. Jérôme Pousin)			
15h45-16h15	Global analysis of strategic raw materials for implants and instruments	Paul NOTOM Minerals Resources Market Analyst	BRGM/OFREMI
16h15-16h45	Strategic view of metallurgy suppliers for medical devices	Bruno Jacquemin General Delegate	A3M - Minerais, Minéraux et Métaux
16h45-17h30	Worldwide Orthopedic market & technology 2030 Outlook and key trends	Ali Madani CEO - Founder	AVICENNE Paris

Innovations in 3D Technologies (moderator Pr. Sylvain Hugon)			
Schedule	Topics presentation	Speakers	Organism
09h00-09h15	Design thinking of orthopaedics implants	Didier Guillon Cottard Founder	Wimpulse
09h15-09h30	Customized biomedical parts with Lithography-based Metal Manufacturing	Denise Mödder Head of Application Engineer	Incus
09h30-09h45	How to finish your 3D printed implants ?	Martin Jay CEO - Founder	Politechno
09h45-10h00	Business market access limitations of 3D implants	Claude Rieker Managing Director - Founder	Orthosave
10h00-10h30	Round table discussion	Pr. Sylvain Hugon Professor	HEIG-VD
10h30-11h00	Coffee break		
Cells Culture of Artificial Cartilage (moderator Pr. Jérôme Pousin)			
11h00-11h30	Cartilage – all you must know about it before to replace it	Pr. Laurent Obert Orthopaedics Surgery Professor	CHU de Besançon
11h30-12h00	Orthobiology: toward the new generation of implant materials	Christopher Leon-Valdivieso, PhD Bioprinting Research Engineer	CARTIGEN CHU Montpellier
12h00-12h30	Use of electrospun materials in orthobiology	Lars Markwort, PhD CEO	Bioincia Fluidnatek
12h30-12h45	An artificial cartilage based on chondrocytes seeded in a 3D matrix of chitosan	Pascale Hazot, PhD Chemistry, International MBA CEO	ACS Biotech
12h45-14h00	Lunch break		
Technological Innovation (moderator Pr. Sylvain Hugon)			
14h00-14h30	Ceramic injection moulding for the manufacture of implants using the example of dental implants	Dr.-Ing. Sabine Begand / Head of Department Oxide Ceramics & Dr. Sebastian Spange / Group Leader	Fraunhofer Institut IKTS
14h30-15h00	Advanced characterization of calcium phosphate bioceramics	Christoph Stähli, PhD, MSc EPFL Senior Scientist	RMS
15h00-15h30	Does CO2 cooling provide a real added value in the finishing of 3D printed parts ?	René Benninger Business Development Manager MedTech & Product Manager	BUMOTEC STARRAG GROUP
15h30-16h00	Laser technology, processes and applications	Beat Jäggi COO - Expert Laser Femtoseconde	SABATO LASERTEC SA
16h00-16h30	Curing peri-implantitis : Dream or reality....	MD Dr. João Pedro DOS SANTOS SILVA	Sao Paulo University