

ORTHOMANUFACTURE 2024 "Innovating around orthopedic implants"

CONFERENCES PROGRAM - May 15th, 2024

The needs from surgeons and innovations about implants (moderator Pr. Jean Geringer)

Schedule	Topics presentation	Speakers	Organism	Country	Speaking
08h30-09h00		Welcome, chat, coffee			
09h00-09h10	Introduction	Pr. Jean Geringer / Professor - Senior Researcher	Mines Saint-Etienne	FR	Eng
09h10-09h45	Prosthetic Joint Infection : Update of our toolbox in 2024	Dr. Bertrand Boyer / Orthopedics Surgeon	CHU St-Etienne	FR	Eng
09h45-10h30	Innovations in hip and knee replacement surgery	Dr. Jean Langlois / Orthopedics Surgeon	Centre Orthopédique Santy Lyon, France	FR	Eng
10h30-11h00	Coffee break				
11h00-11h20	Managing Peri-Implantitis: Balancing Surgery and Preventive Innovations via Plasma Coating on Super-Implant Dental Structures	Dr. Pascal De March / Dental Surgeon	Université de Lorraine LIST - Luxembourg	FR	Eng
11h20-11h40		Dr. Roberto Quintana / Senior Research Scientist	LIST-Luxembourg	LUX	Eng
11h40-12h00	Zirconia coating on prosthesis under digital fluxes	Cédric Lancieux / R&D Director	Lyria ETK	FR	Eng
12h00-13h30	Lunch				
Smart implants (moderator Pr. Jerome Pousin & Pr. Lozinski)					
13h30-14h00	Digital Twins for real time numerical simulations of the rationale behind clinical decisions in surgery	Pr. Stéphane Avril / Research Scientist	Mines St-Etienne	FR	Eng
14h00-14h30	Requirements applicable to smart medical devices	Philippe Sissoko / National Business Line Leader	Eurofins E&E France	FR	Eng
14h30-15h00	Autonomous catheter navigation for predictive mixed reality during endovascular interventions	Valentina Scarponi / PhD Student	INRIA Strasbourg	FR	Eng
15h00-15h30	Active implants: managing hermeticity, battery charging and MRI compatibility	Christophe Moureaux / CEO - Founder	Cisteo	FR	Eng
15h30-16h00	Coffee break				
Innovations in implants production and analysis technologies (moderator Pr. Sylvain Hugon)					
16h00-16h30	Integrated multi-sensor system for knee implant	Dr. Guillaume Nonglaton / Senior Scientist	CEA-LETI	FR	Eng
16h30-16h50	How data digitalization could improve risk management?	Jérôme Tomaselli / CEO	GXP MANAGER	FR	Eng
16h50-17h10	Enhancing Patient Risk Analysis through Surface Analysis: Industrial Case Studies and Applications	Céline Brunon / Business Unit Manager	SERMA technologies	FR	Eng

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3D manufacturing (moderator Pr. Sylvain Hugon)

Schedule	Topics presentation	Speakers	Organism	Country	Speaking
08h30-09h00		Welcome, chat, coffee			
09h00-09h30	In-house 3D medical printing : for what purposes? Example of the I3DM platform of the University Hospital of Besançon – France	Pr. Christophe Meyer Head of Service Maxillo Facial - Stomatology - Odontology	CHU Besançon	FR	Eng
09h30-09h50	Multi-processes finishing for 3D parts	Martin Jay / CEO - Founder	Politechno	FR	Eng
09h50-10h10	EBM Point Melt	Dr. Vincent Deborde / Senior Sales Director – Western Europe	GE ADDITIVE	CH	Eng
10h10-10h30	From patient mouth direct scan to 3D manufacturing : an example of dental medical device	Pr. Dominique Pioletti / Professor of Bioengineering	EPFL	CH	Eng
10h30-11h00	Coffee break				
11h00-11h30	Bearing Surfaces for 3D printing Orthopedic Implant	Dr. Armando Salito / Director	Gulhfi	CH	Eng
11h30-12h00	Fulfill function and disappear: How biodegradable magnesium implants can resolve surgical practice	Dr. Thomas Imwinkelried / Senior Scientist	RMS	CH	Eng
12h00-12h20	Automation in laser marking	Mr. Luther Ndola / Sales Distribution Manager EMEA	Foba Laser	FR	Eng
12h20-12h40	Quality control of 3D parts	Dahman Laib / Responsable Secteur Médical	Zeiss	Fr	Eng
12h30-14h00	Lunch break				
Regulatory affairs-MDR (moderator Pr. Jérôme Pousin)					
14h00-14h30	Learning from US and China authority	Antonio (Dr. Li) / CEO - Founder	Easychinapprov & Medkaizhen	CN	Eng
14h30-15h00	Is there still free trade of medical devices between Switzerland and the EU?	Dr. Daniel Delfosse / Vice Director Head of Regulation & Innovation	Swiss Medtech	CH	Eng
15h00-15h30	Chemical characterization – new challenge in biocompatibility	Dr. Alexander Laubach / Chemist - Technical Sales Manager	Veritas	GER	Eng
15h30-16h00	Worldwide Orthopedic market & technology 2026 outlook and key trends	Ali Madani / CEO - Founder	Avicenne	FR	Eng
16h00-16h30	Coffee break, leaving				