



2019 CONFERENCES PROGRAM "Innovate in implants"

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9H35-9H35 In vivo studies of the "real" mechanical stresses Dr. Berling Studies Untwenting Stade F F 9H35-0H15 Implants Design Toward natural boro substitute osseux from shell nacre Dr. MarpOUSSAU INSERM_ADNROSC F F 10H15-0H35 Implants Design Surface engineering and cellular responses Dr. Virgine DUMAS ENSERM_ADNROSC F F 11H00-11H20 Implants Design Marger and additive manufacturing, elaboration of cerame Dr. Virgine DUMAS ENSERM_ADNROSC F F F 11H20-11H20 Implants Design Hydroxyapatite coating, additive manufacturing, elaboration of cerame Dr. Virgine DUMAS HDD CHIMAT - ENSIGET F F F 11H20-11H20 Implants Design Hydroxyapatite coating, additive manufacturing Dr. Francesco ROBOTTI EUROCOATINS Spa 1 ENS 11H40-12H20 Implants Design Market Manufacturing Market Manufacturing Pr. Roland LOGE PX Group Catan The monochanical Stresce and microstructures 12H20-12H20 Market Market Manufacturing of metal parts with 3D control of Informal Pr. Roland LOGE PX Group Catan The monochanical Pr.	9H15-9H35	The potient Need	1914-1918 : 100 years after in the orthopedy	Orthopedic Surgeon	Saint Etienne	F	F
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2019 CONFERENCES PROGRAM "Innovate in implants"

ORTHO**MANUFACTURE**

		WEDNESDAY THE 10 th OF APRIL - N	IUMERIC AND IMPLANIS						
Times	Headline	Topics	Speakers	Affiliation	Country	Language			
8H30-8H45	Welcoming	The place of digital in health and the implant sector, towards digital transformation	Pr. Jérôme POUSIN	INSA	F	F			
8H45-9H15	Exemple	The place of digital in implants	Professeur Arnaud GLEIZAL Head of Department of Maxillofacial Surgery	Lyon Croix Rousse Hospital	F	F			
9H15-9H45	Numeric Help for	Artificial Intelligence in implants	Claude CLEMENT Technical Director	WYSS Center for Bio and Neuroengineering	СН	ENG			
9H45-10H15	Surgeons	Scanning and digitization: application to implantable medical devices	Sylvain HUGON Engineer - Teacher	HES-SO	СН	F			
10H15-10H45	COFFEE BREAK								
10H45-11H15	Numeric Help for Surgeons	A new vision for computer-assisted surgery	Sébastien HENRY CEO	PIXEE MEDICAL	F	F			
11H15-11H45		Contribution of virtual reality to an innovative surgical protocol	Cédric LANCIEUX Technical Director	ETK / LYRA	F	F			
11H45-12H15		Functionalized surfaces to treat peri-implantitis in dental implantology	Pr. Dr. Dominique PIOLETTI	EPFL Othopedic Biomecanic Lab	СН	F			
12H15-14H00	LUNCH BREAK								
14H00-14H30	Artificial Intelligence for Implants	Changing the business model by intoducing A.M., A.I. and wearable technologies to offer better products and services to patients, surgeons and hospitals	Gian Guido RIVA Founder - CEO	REJOINT	I	ENG			
14H30-15H00		AI model for Diagnosis and algorithms for tracking medical implants	Dr. Christophe PATRIS DE BROE CEO	DEEP CUBE BioPole Lausanne on Al Implantology EPFL	СН	ENG			
15H00-15H30			BREAK	•					
15H30-16H00	The Numeric "Twin" & The numercial Simulation	Numerical evaluation of contact constraints of dual mobility protression	Daniel FOUGERES Animator workshop Bio Digital Engineering for the medical	MICADO	F	F			
16H00-16H30		Simulation and optimization for innovation in implants	Rohan-Jean BIANCO, PhD Co-Founder	PHILIMEC S.E.N.C.	F	F			
16H30-17H00		Advanced simulation of multi physical phenomena for reliability dimensioning	Dr. Philippe AMUZUGA	CETIM	F	F			
17H00-17H30		The coupling of simulation and physics in additive manufacturing	Jérome QUARTANA	Engineer School - Mines of Saint-Étienne	F	F			

WEDNESDAY THE 10th OF APRIL - NUMERIC AND IMPLANTS