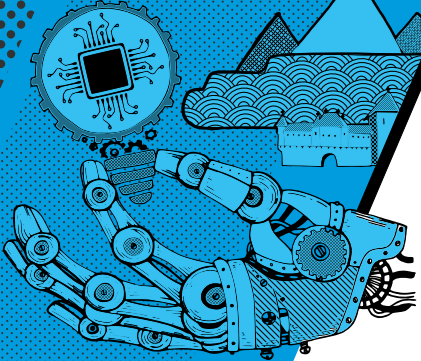


UNIVERSITÉ
SAVOIE
MONT BLANC



日仏交流メカトロニクスウィーク


JFWM 2019


2019.09.12^{TUE} - 20^{FRI}


@ ANNECY, FRANCE

JAPANESE FRENCH WEEK ON MECHATRONICS

Supports:
La Région
Auvergne-Rhône-Alpes




Erasmus+



POLYTECH[®]
ANNECY-CHAMBÉRY

Program Overview

Thursday Sept 12			Friday Sept 13			Sat.Sept 14	Sun. Sept 15	Monday Sept 16 - Technology for Health day			
			90' Challenge: practical work 08:30 - 10:00 F. Formosa, L. Marechal (Group A, B) C102 & B104		90' Tutorial - 08:30 - 10:00 Y. Suzuki Design of broadband vibration energy harvesting device (Group C, D) C214						
Coffee - 9:30-10:00 - Main Hall Polytech Annecy Chambéry											
Opening - 10:00-10:15 - P. Bollon - B120			Coffee break - 10:00-10:15								
Presentation: Program & "Challenge" - 10:15-10:30			90' Tutorial - 10:15 - 11:45 Y. Suzuki Design of broadband vibration energy harvesting device (Group A, B) C214		90' Challenge: practical work 10:15 - 11:45 F. Formosa, L.Marechal (Group C, D) C102 & B104						
90' Lecture 10:30 - 12:00 Y. Suzuki, University of Tokyo Design of broadband vibration energy harvesting device B120											
Lunch Break 12:00-14:00			Lunch break 11:45-13:30								
PhD Thesis Defence 14:00 - 17:00 K. Yamamoto, SYMME Lab MEMS bistable generator to power sensors for energy efficient building and building management B120			60' Keynote - 13:30-14:30 - B120 C. Chanvillard, Schneider Electric Mechatronics design for Schneider Electric Projects			Day Trip Annecy Lake					
			60' Keynote - 14:30 - 15:30 -B120 C. Duret, NTN-SNR Challenges and opportunities of mechatronics for NTN-SNR								
			Break - 15:30-15:45								
			60' Keynote - 15:30-16:45 - B120 B. Robin, Säubli Mechatronics – Key Factor For Tomorrow Factories								
									45' Keynote - 09:00 - 09:45 - B120 J. Voix, ETS Montréal, CA The ear at the age of IoT		
									45' Keynote - 09:50 - 10:35 - B120 T. Fujita, University of Hyogo, JP Technologies for health based on MEMS		
									Coffee break - 10:40-11:00		
									45' Keynote - 11:00 - 11:45 - B120 H. Wurdemann, University College London, UK Modular suturing catheter for minimally invasive surgery		
									Lunch break 11:45-13:30		
									45' Keynote - 13:30 - 14:15 - B120 C. Barthod, USMB, FR Mechatronic didactic environment for Paediatric Chest Physiotherapy learning		
									45' Keynote - 14:20 - 15:05 - B120 H. Sawada, Waseda University, JP Mechatronic technologies for health and medicine		
									Break - 15:10-15:30		
									45' Keynote - 15:30 - 16:15 - B120 D. Kaplan, Tufts University, US Silk Proteins as Biomaterials and for Tissue Engineering		

Tuesday Sept 17			Wednesday Sept 18			Thursday Sept 19			Friday Sept 20		
90' Lecture 08:30 - 10:00 T. Fujita IoT modules and its tutorial by using SBC B120						90' Challenge: practical work 9:00 - 12:00 F. Formosa, H. Favrelière, L. Marechal C114, C102, B104			Challenge: Presentations 9:00 - 11:00 B120		
Coffee break - 10:00-10:15											
90' Lecture 10:15 - 11:45 H. Sawada Image processing for Mechatronics B120			90' Workshop 10:15-11:45 T.Fujita IoT modules by SBC (Group B,C) C121	90' Workshop 10:15-11:45 H.Sawada Image processing for mechatronics (Group D) C102	90' Challenge: practical work 10:15-11:45 F.Formosa (Group A) B104 & C114				Challenge: Jury deliberations - B120 11:00 - 11h30		
Lunch break 11:45-13:30			Lunch break 11:45-13:30						Challenge: Awards - 11:30 - 11:45 - B120		
90' Workshop 13:30-15:00 T.Fujita IoT modules by SBC (Group A) C121	90' Workshop 13:30-15:00 H.Sawada Image processing for mechatronics (Group B,C) C102	90' Challenge: practical work 13:30-15:00 F.Formosa (Group D) B104 & C114	SOMFY Industrial site Visit of showroom and production facilities 13:30-17:30 Cluses (To be confirmed)						<div>Challenge groups QR code</div> <div></div> <div>Scan me</div>		
Break - 15:00-15:15											
90' Challenge: practical work 15:15-16:45 F.Formosa (Group B,C) B104 & C114	90' Workshop 15:15-16:45 T.Fujita IoT modules by SBC (Group D) C121	90' Workshop 15:15-16:45 H.Sawada Image processing for mechatronics (Group A) C102									
									French / International academics		
									Japaneses academics		
									Industry		

Invited Speakers



The University of Tokyo, JP



University of Hyogo, JP



Waseda University, JP



University College London, UK



Le génie pour l'industrie

École de Technologie Supérieure, CA



Tufts University, US

Invited Companies

