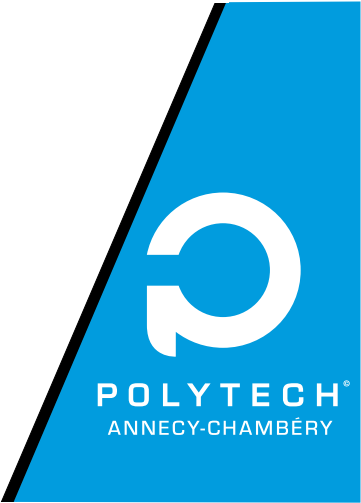


日仏交流メカトロニクスウィーク
JFWM 2019 2019.09.12^{TUE} - 20^{FRI}
@ ANNECY, FRANCE

JAPANESE FRENCH WEEK ON MECHATRONICS

Supports:
La Région
Auvergne-Rhône-Alpes



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			45' Keynote - 09:00 - 09:45 - B120 J. Voix, ETS Montréal, CA The ear at the age of IoT	
Coffee - 9:30-10:00 - Main Hall Polytech Annecy Chambéry							
Opening - 10:00-10:15 - P. Bollon - B120		Coffee break - 10:00-10:15				45' Keynote - 09:50 - 10:35 - B120 T. Fujita, University of Hyogo, JP Technologies for health based on MEMS	
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	Day Trip Annecy Lake		Coffee break - 10:40-11:00	
90' Lecture 10:30 - 12:00 Y. Suzuki, University of Tokyo Design of broadband vibration energy harvesting device B120						45' Keynote - 11:00 - 11:45 - B120 H. Wurdemann, University College London, UK Modular suturing catheter for minimally invasive surgery	
Lunch Break 12:00-14:00		Lunch break 11:45-13:30				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				45' Keynote - 13:30 - 14:15 - B120 C. Barthod, USMB, FR Mechatronic didactic environment for Paediatric Chest Physiotherapy learning	
		60' Keynote - 14:30 - 15:30 -B120 C. Duret, NTN-SNR Challenges and opportunities of mechatronics for NTN-SNR				45' Keynote - 14:20 - 15:05 - B120 H. Sawada, Waseda University, JP Mechatronic technologies for health and medicine	
		Break - 15:30-15:45				Break - 15:10-15:30	
		60' Keynote - 15:30-16:45 - B120 B. Robin, Stäubli Mechatronics – Key Factor For Tomorrow Factories				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' 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
90' Lecture 10:15 - 11:45 H. Sawada Image processing for Mechatronics B120	Lunch break 11:45-13:30				Challenge: Awards - 11:30 - 11:45 - B120
Lunch break 11:45-13:30	SOMFY Industrial site Visit of showroom and production facilities 13:30-17:30 Cluses (To be confirmed)				Farewell Drink 11:45 - 13:45 Main Hall Polytech
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					
Break - 15:00-15:15	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			
90' Challenge: practical work 15:15-16:45 F.Formosa (Group B,C) B104 & C114					

Challenge groups
QR code



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

