

## Program overview

Tuesday Sept 16		Wednesday Sept 17			Thursday Sept 18			Friday Sept 19		
08:15								90' Lecture 8:15 - 9:45 Y. Suzuki, University of Tokyo Design of broadband vibration energy harvesting device B104		
08:30										
08:45										
09:00										
09:15	Coffee 9:00 - Main Hall Polytech				9:00 - 9:45 45' Keynote H. Sawada AI B104					
09:30										
09:45	Opening - 9:45-10:00 - A. Badel - B104				Coffe Break					
10:00	Presentation: Program & "Challenge" - 10:00-10:15									
10:15	90' Lecture	90' Lecture			Mechatronics	90' Practical work	90' Tutorial - 10:15 - 11:45	Mechatronics	90' Practical work	90' Practical work
10:30	10:15 - 11:45	10:00 - 11:30			Challenge: Start	10:15 - 11:45	10:15 - 11:45	Challenge	10:00 - 11:30	10:00 - 11:30
10:45	H. Sawada	T. Fujita, University of Hyogo, JP			10:15 - 11:45	T. Fujita	H. Sawada	10:00 - 11:30	T. Fujita	Y. Suzuki
11:00	Image processing for Mechatronics	IoT modules & its tutorial by using SBC			Groups : C	IoT modules tutorial	Image processing for Mechatronics	Group : B	IoT modules tutorial	Design of broadband
11:15	B104	B104				C214 - Group : B	C213 - Group : A	Group : B	C214 - Group : C	vibration energy
11:30										harvesting device
11:45										C114 - Group : A
12:00	Lunch break 11:45-13:15	Lunch break 11:30-13:15			Lunch break 11:45-13:15			Lunch break 11:30-14:00		
13:15										
13:30										
13:45	Mechatronics Challenge: Start	Mechatronics Challenge	90' Tutorial - 13:15 - 14:45	90' Practical work	180' Mechatronics Challenge Work in Group Groups : A, B, C			Industrial Site Visit PILOT  PILOT Allonzier-la-Caille  13:15 - 17:15		
14:00	13:15 - 14:45	13:15 - 14:45	H. Sawada	13:15 - 14:45						
14:15	Groups : A, B	Group : C	H. Sawada	T. Fujita						
14:30	Image processing for Mechatronics	Image processing for Mechatronics	IoT modules tutorial	using SBC						
14:45	C213 - Group : C	C213 - Group : B	C214 - Group : A							
15:00										
15:15										
15:30	Mechatronics Challenge: Start	Mechatronics Challenge								
15:45	15:00 - 16:30	15:00 - 16:30								
16:00	Groups : A, B, C	Groups : A, B, C								
16:15										
16:30										
16:45										
17:00										

Sat.Sept 20		Sun. Sept 21		Monday Sept 22		Thursday Sept 23		Wednesday Sept 24	
08:15				Mechatronics Challenge	90' Practical work				
08:30				Work in group	8:15 - 09:45				
08:45				8:15 - 09:45	Y. Suzuki				
09:00				Groups : A, C	Design of broadband vibration energy harvesting device				
09:15					C114 - Group : B				
09:30									
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10:15									
10:30				Mechatronics Challenge	90' Practical work				
10:45				Work in group	10:00 - 11:30				
11:00				10:00 - 11:30	Y. Suzuki				
11:15				Groups : A, B	Design of broadband vibration energy harvesting device				
11:30					C114 - Group : C				
11:45									
12:00				Lunch break	11:15-13:15				
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Day Trip	
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## Participants



**The University of Tokyo, JP**



University of Hyogo, JP



**Waseda University, JP**



**PFEIFFER**   
**VACUUM+FAB SOLUTIONS**



在リヨン領事事務所



**La Région**  
Auvergne-Rhône-Alpes  
**ENTREPRISES**



# Ugitech



LISTIC



BANQUE des  
**TERRITOIRES**  
GROUPE CAISSE DES DÉPÔTS