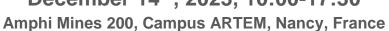
GDR Groupement de recherche MNF Micro et nano fluidique

Microfluidics & biodevices

December 14th, 2023, 10:00-17:30















10:00-10:30	Welcome and Opening Session (Prof. Omar ELMAZRIA)
10:30-12:15	Session #1: Microfluidics and related physical phenomena session
	10:30-11:00: Prof. Jun KONDOH Development of microfluidic system using SAW devices Shizuoka University, Japan
	11:00-11:30: Dr. Cécile LEMAITRE Microfluidics and modelling LRGP, Nancy, France
3	11:30-11:45: Dr. Cécile FLOER Lab on chip devices based on surface acoustic waves for biomedical purposes IJL, Nancy, France
	11:45-12:15: Prof. Michael BAUDOIN Acoustics for microfluidics or "acoustofluidics" IEMN, Lille, France
12:15-14:15	Lunch Break @ Institut Jean Lamour (Jardin d'Hiver)
14:15-17:30	Session #2: Biodevices and diagnostics
	14:15-14:45: Prof. Olfa KANOUN (IEEE Instrumentation & Measurements Society Distinguished Lecturer) Impedance Spectroscopy for Measurement and Sensor Solutions TU Chemnitz, Germany
	14:45-15:00: Dr. Julien CLAUDEL Lab on chip devices based on bio-impedance for cells analysis and monitoring IJL, Nancy, France
	15:00-15:15: Prof. Frédéric SARRY Simulatory approach to determine the stress of the cells IJL, Nancy, France
	15:15-15:45: Prof. Anas AZZAM Development of portable and cost effective Lab-on-chip for virus detection. Mechanical and Nuclear Engineering, Khalifa University
15h45-16:15	Coffee Break
	16:15-16:45: Prof. Karla PEREZ TORALLA Microfluidics for detection and diagnostics CEA, Paris-Saclay, France
n N	16:45-17:00: Prof. Halima ALEM Microfluidics for cancer therapy IJL, Nancy, France
	17:00-17:30: Suelia FLEURY-ROSA (IEEE Engineering in Medicine & Biotechnology Society Distinguished Lecturer) Utilizing Organs-on-a-Chip in Biomedical Engineering and Biotechnology as an Alternative to High- Throughput Models University of Brasilia, Brazil

www.ijl.univ-lorraine.fr

Microfluidics & Biodevices Workshop 2023 December 14th Nancy, France

www.ijl.univ-lorraine.fr