

Thursday 17 th September		
13:00 -14:00	Registration and poster installation	
14:00 - 14:10	Opening Session (Amphithéâtre A, IUT Perpignan)	
14:10 - 14:50	Keynote lecture 1: Ana-Maria Gurban (ICECHIM, Bucharest, Romania): Integrated Opto-Electrochemical (Bio)sensing with Advanced Hybrid Nanomaterials: from Fundamental Design to Real Solutions for Health, Food and Environmental Monitoring	
	Oral presentations. Session 1 Chair: Thierry Noguer (UPVD)	
15:00- 15:15	Anaïxis del Valle: Portable electrochemical genosensing of IFN- γ mRNA in HLA-DR ⁺ extracellular vesicles for decentralized immune monitoring	S 1.1
15:20 - 15:35	Laia Garrido-Carretero: Optimizing potentiometric sensing strips: paving the way for at-home monitoring of hereditary metabolic diseases	S 1.2
15:40 - 15:55	Jaume Reverté: Automated patch clamp as functional biosensing technology for marine toxins: from cellular responses to food safety decision	S 1.3
16:00 - 17:00	Coffee break	
17:00 -17:40	Keynote lecture 2: Yanxia Hou-Broutin (CEA, Grenoble) : Biomimetic Optoelectronic Nose for Analysis of Odors	
	Oral presentations. Session 2 Chair: Mònica Campàs (IRTA)	
17:50 - 18:05	Rosanna Rossi: Plasma biosensor based on brain-derived exosomes for early Alzheimer's disease detection and risk-stratification of dementia patients. Preliminary results from SENS4AD project.	S 2.1
18:10 - 18:25	Alessandra Cutillo-Foraster: Studying the spectroelectrochemical behaviour of Ce(III)/Ce(IV) system by UV-vis in normal reflection mode.	S 2.2
18:30 - 18:45	Ainhua Chaves Horrillo: Electrochemical sensors monitoring of PFAS solar decontamination in Wastewater	S 2.3
20:00	Gala Dinner. Restaurant	

Friday 18th September		
9:00 - 9:40	Keynote lecture 3: Benoît Charlot (IES, CNRS, Montpellier) Cantilever-based MEAs for simultaneous recordings of electrophysiological and mechanical signals of contractile organoids	
	Oral presentations. Session 3 Chair: Carole Blanchard (UPVD)	
9:50 - 10:05	Núria Barrera Gutiérrez: Validation of an ISFET-based multisensor system for macronutrients monitoring in horticultural applications	S 3.1
10:10 - 10:25	Haroon Muhammad Ali: Determining acetylcholinesterase activity with functionalized carbon dots synthesized in microreactors	S 3.2
10:30 – 11:15	Coffee break	
11:15 – 11:30	Claudio Roscini: Waxes-based fluorescent thermal sensors	S 3.3
11:30 – 11:45	Nuan Zhang: Sustainable functionalized forestry residues for manufacturing electrochemical sensors toward water pollution monitoring	S 3.4
12:00 - 12:45	Closure remarks	
	Group Photo and Closure lunch at Restaurant “La Table du Mas »	