



XIII TROBADA TRANSFRONTERERA SOBRE SENSORS I BIOSENSORS
XIII RENCONTRE TRANSFRONTALIERE CAPTEURS ET BIOCAPTEURS
XIII ENCUENTRO TRANSFRONTERIZO SOBRE SENSORES Y BIOSENSORES

Centre de Congressos d'Andorra la Vella
 Andorra, 18-19 September 2008

SCIENTIFIC PROGRAM

September 18th			
	13:30 - 14:45	Registration and poster mounting	
	14:45 - 15:00	Opening Ceremony	
SESSION		Speaker	Title
Biosensors and nanobiosystems for biomedical applications	15:00 - 15:30	A.P.F. Turner (Cranfield University, UK)	Nanobiosensors for health
	15:30 - 16:00	M. Trojanowicz (University of Warsaw, PL)	Biosensing and Biochemical Derivatisation in Capillary Electrophoresis
	16:00 - 16:15	F. Sekli (University of Toulouse, FR)	Comparative study of electrodes chemically modified by PEDOT or metallic oxide for selective detection of ascorbic and uric acid in biological media
	16:15 - 16:30	M. Maltez (ICN, ES)	Electrochemical bioassays based on Gold Nanoparticle tags
	16:30 - 16:45	M. Mir (IBEC, ES)	Ion-selective-sensor for biomedical applications
	16:45 - 17:00	V. Urbanova (University of Bordeaux, FR)	Porous microelectrode arrays for applications in neurobiology
	17:00 - 17:30	Coffee break and poster session	
Food analysis and control using biosensors	17:30 - 18:00	J.M. Pingarrón (Uni. Complutense of Madrid, ES)	Electrochemical biosensors for food analysis
	18:00 - 18:15	A. Vig (College of Károly Eszterházy, HU)	Impedimetric detection of aflatoxin M1 with biomolecular interaction using colloidal gold
	18:15 - 18:30	A. Bonanni (UAB, ES)	Genosensors based on electrochemical impedance spectroscopy
	18:30 - 18:45	A. Radoi (University of Perpignan, FR)	Spectrophotometric detection of aflatoxin M1 in milk based on superparamagnetic nanoparticles
	18:45 - 19:00	U. Anik (Muğla University, TR)	BiFE as a biosensor transducer
	19:00 - 19:15	M. Campas (IRTA, ES)	Solving the applicability of enzyme biosensors to shellfish samples by chromatographic fractioning
	21:00	Gala dinner	

September 19th			
SESSION		Speaker	Title
Biosensors for environmental control and security	9:00 - 9:30	L. Sanfilippo (SYSTEA, IT)	Water risk management in Europe
	9:30 - 10:00	N. Le Bris (IFREMER, FR)	Toward continuous chemical monitoring in the deep-sea: insights from the deployments of autonomous electrochemical sensors in various sulfidic environments
	10:00 - 10:15	W. Giraud (Chène Développement, FR)	Electrochemical characterization of some wood compounds
	10:15 - 10:30	G. Aragay (UAB-ICN, ES)	Flow through system using screen printed electrodes for stable monitoring of heavy metal pollution
	10:30 - 10:45	G. Istamboulie (University of Perpignan, FR)	Highly sensitive and selective detection of organophosphorus insecticides using biosensors based on genetically-engineered cholinesterase and phosphotriesterase
	10:45 - 11:00	J.R. Morante (UB, ES)	Chemical to electrical transduction mechanisms using single metal oxide nanowires: Portable nano sensing devices
	11:00 - 11:30	Coffee break and poster session	
Nano and Micro detection systems and data processing	11:30 - 12:00	A. Costa (University of Oviedo, ES)	Electrochemical sensor devices based on nanostructures
	12:00 - 12:30	A. Legin (St. Petersburg University, RUS)	Electronic Tongue: Chemical sensors, data processing, analytical challenges
	12:30 - 12:45	O. Ymbern (UAB, ES)	Centrifugal platform prototypes for the construction of a PCR microsystem
	12:45 - 13:00	S. Gomez (UAB, ES)	Synthesis and functionalization of metallic NPs in novel ceramic microfluidic devices based on the LTCC Technology
	13:00 - 13:15	D. Bonilla (CNM, ES)	High sensitivity electrical readout for protein and DNA Microarrays
		13:15 - 13:30	Meeting Closure
	14:00	Lunch	