

EUROPT(R)ODE VII SCIENTIFIC PROGRAMME

WEDNESDAY April 7, 2004					
Room A – “Ramón y Cajal” Amphitheater			Room B – “Prof. Botella” Auditorium		
Plenary Session Chair: F. Ligler					
09:00	PL6	The Secret of Low Detection Limits Using Optodes: Engineering, Chemistry and Applications of Optodes <i>U.E. Spichiger-Keller, R. Cannas, J. Glebska, M. Linnhoff, T. Nezel, V. Ramos-Pérez, S. Spichiger, G. Zhylyak</i> Swiss Federal Inst. of Technology, Zürich, Switzerland			
Session 9 Chairs: N. Jaffrezic-Renault / M.C. Moreno-Bondi			Session 10 Chairs: J.D. Dakin / B. MacCraith		
10:00	IL3.1	Fluorescent Nano-Crystals as Ultra-Bright Time Resolved Sensors <i>R. Pansu^a, N T. Ha-Duong,^a V. Lemonier,^b R. Méalet Renault,^a A. Ibañez^b</i> ^a Ecole Normale Superior de Cachan, France; ^b Lab. Cristallographie UPR5031 CNRS, France	10:00	IL3.2	In Situ Fluorescence Sensors for Coastal Oceans <i>R. Chen</i> University of Massachusetts, USA
10:30	Coffee Break				
Session 9 – (continued) Chairs: N. Jaffrezic-Renault / M.C. Moreno-Bondi			Session 10 – (continued) Chairs: J.D. Dakin / B. MacCraith		
11:00	IL3.3	New Materials for Optical Sensors Based on Molecular Imprinting <i>S. Piletsky</i> Cranfield University, U.K.	11:00	IL3.4	Biological and Screening Application of the Optical Oxygen Sensing <i>D. B. Papkovsky</i> University College Cork, Ireland
11:30	OA3.1	Quantum Dot Based Fluorescence Resonance Energy Transfer Nanosensors <i>A. R. Clapp, I. L. Menditz, E. R. Goldman, H. Mattoussi</i> US Naval Research Lab, Washington, USA	11:30	OB3.1	Automated Water Analyser Computer Supported System (AWACSS) <i>G. Proll, J. Tschmelak, G. Gauglitz</i> Eberhard-Karls-Universität Tübingen, Germany
11.50	OA3.2	Small and Massively Parallel Optical Sensors: Ionophore-Based Microsphere Ion Optodes <i>E. Bakker, K. Wygladacz, C.Xu, Y. Qin</i> Auburn University, USA	11.50	OB3.2	IR-ATR Spectroscopy for Underwater Sensing Applications <i>G.T. Dobbs,^a P. Boezerrooij,^b N. Pennington,^c F. Vogt,^d B. Mizaikoff^e</i> ^{a,b,e} Georgia Institute of Technology, USA; ^c Alcohol and Tobacco Tax and Trade Bureau, USA; ^d Arizona State University, USA
12:10	OA3.3	Self Assembled Sedimentation Arrays Based on Luminescence Encoded Microspheres <i>C. Moser, I. Klimant</i> Graz University of Technology, Austria	12:10	OB3.3	BTEX Monitoring in Ground Water Remediation Applying UV Fiber Evanescent Wave Sensors <i>H. Lehmann,^a U. Lubenau,^b G. Schwotzer,^a R. Willsch^a</i> ^a Inst. of Physical High Technology of Jena, Germany; ^b DBI Gas- und Umweltechnik GmbH, Germany

12.30	OA3.4	A New Combinatorial Approach to Sensor Discovery and Fabrication: Where Simplicity and Effectiveness Meet <i>R. Zimmerman</i> , D.N. Reinhoudt, M. Crego-Calama University of Twente, The Netherlands	12.30	OB3.4	Use of Fibre-Optic Optodes for Monitoring of Sea Water: Towards and Optical CTD Probe <i>A. González-Cano</i> , ^a M.C. Navarrete, ^a O. Esteban, ^b N. Diaz-Herrera ^a ^a Universidad Complutense de Madrid, Spain; ^b Universidad de Alcalá, Spain
13:00	Poster Awards and Closing Address				
13:30	<i>Farewell Cocktail</i>				