

16 NOIEMBRIE 2011 – ICECHIM, Bucuresti

09 ⁰⁰ - 09 ¹⁵	Registration of the Participants
09 ¹⁵ - 09 ³⁵	Opening – Florin Oancea, Scientific Director ICECHIM (National Institute for Research & Development in Chemistry and Petrochemistry)
Chairs: Prof. Geza Nagy and Dr. Florin Oancea	
09 ³⁵ - 10 ³⁵	“Sensory and behavioral responses by Plant-feeding insects to host metabolites”, Patrick Guerin, University of Neuchatel, SWITZERLAND
10 ³⁵ - 10 ⁴⁵	Coffee / Tea Break
10 ⁴⁵ -11 ³⁵	„Application of Scanning Electrochemical Microscopy (SECM) in biological media”, Geza Nagy, University of Pecs, HUNGARY
11 ³⁵ -11 ⁴⁵	Coffee / Tea Break
11 ⁴⁵ - 12 ¹⁵	„Advanced systems based on porphyrins and/or phthalocyanines as components of photonics devices”, Rodica-Mariana Ion, ICECHIM, ROMANIA
12 ¹⁵ – 14 ¹⁵	Lunch
14 ¹⁵ - 15 ¹⁵	Visit several departments of ICECHIM Bucuresti
Chairs: Prof. Patrick Guerin and Prof. Rodica – Mariana Ion	
15 ¹⁵ -15 ³⁵	“Electrochemical sensor development for H₂O₂ and H₂S for biochemical application”, Livia Nagy, University of Pecs, HUNGARY
15 ³⁵ - 15 ⁵⁵	„(Bio)Sensors for on-field determination of mercury (ii) and nitrites in water”, Mihaela (Badea) Doni, ICECHIM, ROMANIA
15 ⁵⁵ -16 ²⁵	“Possible applications of molecularly imprinted polymers in biosensors for water pollutants monitoring”, Andrei Sârbu, ICECHIM, ROMANIA
16 ²⁵ -16 ³⁵	Coffee / Tea Break
Chairs : Prof. Wolfgang Knoll and Dr. Andrei Sarbu	
16 ³⁵ - 16 ⁵⁵	"Low dimensional structures with tailored light emitting properties", Monica Enculescu, INCDFM (National Institute for Materials Physics), ROMANIA
16 ⁵⁵ – 17 ¹⁵	„Specific detection of ligand-receptor type interactions by functionalised nanostructured layers”, Alexandrina Nuta*, Ana Alexandra Sorescu*, Corneliu Nicolae Zaharia**, Stefan Frunza*** *ICECHIM; ** Institute of Virology Stefan S. Nicolau "; *** INCDFM, ROMANIA
17 ¹⁵ -17 ³⁵	"Complex nanowire devices for sensing applications", Ionut Enculescu, Elena Matei, Camelia Florica, INCDFM, ROMANIA
19 ⁰⁰ -21 ⁰⁰	Dinner

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Chairs: Prof. Jakub Dostalek and Dr. Lucian Pintilie

09 ⁰⁰ - 10 ⁰⁰	<i>"Bio-Functional Supramolecular Interfacial Architectures"</i> , Wolfgang Knoll, AIT Austrian Institute of Technology, Vienna, AUSTRIA
10 ⁰⁰ - 11 ⁰⁰	<i>"Nitric oxide functions in plant disease resistance"</i> , Massimo Delledonne, Università degli Studi di Verona, ITALY
11 ⁰⁰ - 11 ¹⁵	Coffee / Tea Break
11 ¹⁵ - 12 ¹⁵	Visit several departments of INFIM Magurele
12 ¹⁵ - 13 ⁰⁰	Lunch
13 ⁰⁰ - 13 ⁵⁰	<i>"Combining Electrochemistry with time resolved Infrared spectroscopy for biosensing"</i> , Christoph Nowak, AIT Austrian Institute of Technology, Vienna, AUSTRIA

Chairs: Prof. Massimo Delledonne and Dr. Ionut Enculescu

13 ⁵⁰ - 14 ⁴⁰	<i>"Optical affinity biosensors utilizing surface plasmon-enhanced fluorescence spectroscopy"</i> , Jakub Dostalek, AIT Austrian Institute of Technology, Vienna, AUSTRIA
14 ⁴⁰ - 15 ¹⁰	<i>„Electrochemical sensors for pharmaceutical and environmental analysis"</i> , Robert Sandulescu, UMF ("Iuliu Hațieganu" University of Medicine & Pharmacy), Cluj, ROMANIA
15 ¹⁰ - 15 ³⁰	<i>"Synthesis of semiconductor nanostructures with controlled morphological properties"</i> , Nicoleta Preda, INCDFM, ROMANIA
15 ³⁰ - 15 ⁵⁰	<i>„Polyamines in beneficial plant –microbe interactions"</i> , Florin Oancea, ICECHIM, ROMANIA
15 ⁵⁰ - 16 ¹⁰	Coffee / Tea Break

Chairs : Prof. Christoph Nowak and Prof. Robert Sandulescu

16 ¹⁰ - 16 ³⁰	<i>"Metal Oxide gas Sensors from basics to applications: Domestic Environmental Quality"</i> Adelina Stanoiu, Cristian Eugen Simion, INCDFM, ROMANIA
16 ³⁰ - 16 ⁵⁰	<i>„Peroxynitrite electrochemical detection using metalloporphyrin-conductive polymer ONO₂ - sensitive hybrid film "</i> , Serban Peteu, ICECHIM, ROMANIA
16 ⁵⁰ - 17 ¹⁰	<i>„Sensors based on modified porous graphite felt"</i> , Cecilia Cristea, UMF, Cluj, ROMANIA

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09⁰⁰ - 11¹⁵	<ul style="list-style-type: none">• Collaboration Options: Areas of interest, time horizons• Near future, available, bilateral, multi-lateral and EC available proposals TBA <p>Chairs: Dr. Florin Oancea and Prof. Massimo Delledonne</p>
11¹⁵ - 11⁴⁵	Coffee / Tea Break
11⁴⁵ - 13⁰⁰	<ul style="list-style-type: none">• Analysis: Possible collaborations, probable collaborations• Forming possible teams, tentative time frames <p>Chairs: Dr. Nicoleta Preda and Prof. Jakub Dostalek</p>
13⁰⁰ - 15⁰⁰	Coffee / Tea Break
15⁰⁰ - 18⁰⁰	<ul style="list-style-type: none">• Specify possible scenarios• Multi-disciplinary international teams, coalescing around themes of interest• Planning the near future, in closing the exploratory workshop <p>Chairs: Dr. Serban Peteu and Prof. Patrick Guerin</p>