

Wednesday, 22 Septembrie 22nd, 2010.

Location: Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu-Sișești", 61 Bulevardul Marasti, Sector 1, Bucuresti

8:30-8:40	Opening address from Presidium of the Academy of Agricultural and Forestry Sciences
8:40-8:50	Welcome address: A.P.F. Turner
<u>8:50-11:00</u>	<u>Sustainable solutions – emerging tools</u> Co-Chairs: Mike Thompson, Horia Iliescu
8:50-9:30	Wolfgang Knoll: Tethered bimolecular lipid membranes – a novel model membrane platform
9:30-10:00	Cătălina Achim: Polinuclear compounds with spin transition
10:00-10:30	Jacobus Frederick Van Staden: Dot sensors
10:30-11:00	Serban Peteu: Responsive Polymers applied for the Delivery of the Crop Protection Agents
11:00-11:30	<i>Coffee break and Poster Viewing</i>
<u>11:30-13.30</u>	<u>Emerging challenges in agriculture and food – the management approach</u> Co-Chairs: Mihaela Leonida, Jacobus Frederick Van Staden
11:30-12:00	Silvana Andreescu: Nanotechnology applications and impact on the environment and food safety
12:00-12:30	Florin Oancea: Sustainable approaches to emerging and re-emerging soil born phytopathogens
12:30-13:00	Carmen Moraru: Probleme actuale ale siguranței alimentului și strategii de rezolvare
13:00-13:30	Horia Iliescu: Noi strategii pentru limitarea efectelor rezultate din noul cadru european de utilizare durabilă a pesticidelor
13:30-14:30	<i>Lunch break</i>
<u>14:30-16:30</u>	<u>Sustainable solutions – new means and methods</u> Co-Chairs: Silvana Andreescu, Florin Oancea
14:30-15:00	Mihaela Leonida: Plant based nanocomposite
15:00-15:30	P.C. Cornea, M. Ittu, C. Voaides, M. Ciuca: Identificarea moleculara a unor specii de <i>Fusarium</i> cu potential micotoxigen si stabilirea chemotipului acestora.
15:30-16:00	Vladimir Todiraș: Agricultura de precizie și protecția integrată a plantelor
16:00-16:30	Flori Constantinescu: GFP transformation of biocontrol <i>B. subtilis</i>
16:30-17:00	<i>Coffee break and Poster Viewing</i>
<u>17:00-18:00</u>	<u>Sustainable solutions - new analysis system</u> Co-Chairs: Mariana Mărgărit, Petruta Cornea
17:00-17:30	Raluca Ioana Van Staden: Diamond paste based electrochemical (bio)sensors
17:30- 8:00	Mihaela Badea-Doni: Immunoassay systems for micotoxins determination
18:00-19.00	<i>Visit: The Eco-Toxicology Laboratory, ICDPP Bucharest</i>
20:00	Networking event - Atlas Room, Hotel Class

Thursday, September 23rd, 2010.

**Location: National R&D Institute for Biological Sciences, 296 Splaiul
Independenței, sector 6, București**

<u>8:30-11:00</u>	<u>Sustainable solutions - new bionalytical approach</u> Co-Chairs: Costel Darie, Raluca Ioana Van Staden
8:30-9:00	Mike Thompson. The detection problem in biomarker analysis of biological fluids
9:00-9:30	S. Eremia, G.L. Radu, S.C. Litescu: Analytical evaluation of the antioxidant activity
9:30-10:00	S.L. Voicu, A.C. Nechifor, G. Nechifor: Polysulfane composite membranes for biomedical applications
10:00 -10:30	B. Bucur, O. Covaci: Enzymatique microbiosensor for insecticides detection
10:30- 11:00	I.G. David, V. David, M. Matache: Analytical determination of trace metals from water samples
11:00-11:30	<i>Coffee break and visit to the Center for Bioanalysis</i>
<u>11:30-13:30</u>	<u>Sustainable solutions - modelling of biological systems</u> Co-Chairs: Manuela Sidoroff, Vladimir Todiraș
11.30- 11:55	Costel Darie: Structural and functional characterization of Tumor Differentiation Factor
11:55 -12:20	Mariana Mărgărit: Protein cristalography and structure based design of biological active molecules
12:20 -12:45	Andrei Păun: Discrete nondeterministic modeling of cellular pathways
12:45 -13:10	Voicu Boscaiu: Statistics on biological agents carried by aviar vectors
13:10-13:30	Alexandru Meszarosz: Sistem informatic pentru suportul deciziei biofortifierii cu seleniu a lanțului alimentar
13:30-14:30	<i>Lunch break</i> <i>Visit to The Process Analytical Technology Laboratory, INCDEMC</i>
<u>14:30-16:30</u>	<u>Special Session</u> Chair Prof. Gabriela Bahrim - Universitatea "Dunărea de Jos" Galați Dezbatere "Criteriile de evaluare a cercetării științifice din universități, pe domenii specifice" - Proiect FSE „Doctoratul in Scoli de Excelenta- Evaluarea calitatii cercetării in universitati si cresterea vizibilitatii prin publicare stiintifica”
16:30-17:00	<i>Coffee break</i>
<u>17:00-18:00</u>	<u>Special Session (continued)</u> Chair Prof. Gabriela Bahrim - Universitatea "Dunărea de Jos" Galați Dezbatere "Criteriile de evaluare a cercetării științifice din universități, pe domenii specifice" - Proiect FSE „Doctoratul in Scoli de Excelenta- Evaluarea calitatii cercetării in universitati si cresterea vizibilitatii prin publicare stiintifica”