



Executive Agency for Higher Education, Research, Development and Innovation Funding

WORKSHOP

"Substrate effect, a key factor in controlling performances of supported electrocatalysts. Materials and approaches."

June16, 2016

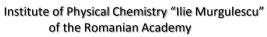
Organized within the frame of the national research project "Interactional and functional effects of the substrate on the electrochemical behavior of micro and nanostructured metallic and oxidic deposits", project no. PN-II-ID-PCE-2011-3-0272, director Dr. Nicolae SPATARU.

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June 16, 2016, Conference Room, Institute of Physical Chemistry "Ilie Murgulescu", 202 Spl. Independentei, Bucharest.

Hour	Authors / Affiliation	Title of the contribution
9:00 9:30	Registration of participants	
9:30	Nicolae Spătaru*, Petre Osiceanu, Cornel Munteanu, Tanța Spătaru, Maria Marcu Institute of Physical Chemistry "IlieMurgulescu" of the Romanian Academy	Opening Key Note Lecture: Effect of the substrate on the electrochemical features of supported electrocatalysts – dissemination of scientific results
10:00	Nita Dragoe*, David Bérardan, Sylvain Franger, Diana Dragoe, Arun-Kumar Meena Université Paris Sud, ICMMO, UMR8182 CNRS Synthèse, Propriétés et Modélisation des MatériauxOrsay, France	Key Note Lecture: High entropy oxides: a new family of functional materials
10:30	Stelian Lupu ¹ *, Cecilia Lete ² , Paul Catalin Balaure ¹ , Dan Ion Caval ¹ ¹ University Politehnica of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Analytical Chemistry and Environmental Engineering ² Institute of Physical Chemistry "IlieMurgulescu" of the Romanian Academy	Key Note Lecture: Development of bio-composite materials modified microelectrodes arrays using sinusoidal voltages method







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11:00	Ana-Maria Popescu ¹ *, Virgil Constantin ¹ ,	Key Note Lecture:
11.00	Elena Ionela Neacșu ¹ , Kazimir	Rey Note Dectare.
	Yanuskevich ² , Olga Demidenko ² ,	Effects of the substrate on the
	M.Burada ³ , Vasile Soare ³	morphology and corrosion behavior
	¹ Institute of Physical Chemistry	of the metallic deposits of ZnNiP
	"IlieMurgulescu" of the Romanian Academy	of the metatic deposits of Zhivii
	² Scientific – Practical Materials Research Centre	
	NAS, Minsk, Belarus	
	³ Institute of Non-ferous and Rare Metals-IMNR,	
	New Materials and Technologies Laboratory	
	The with the recimologies Europathory	
11:30	Coffee break	
12:00	Cristian Pirvu*, Simona Popescu,	Key Note Lecture:
	Mihaela Mindroiu, Camelia Ungureanu,	
	Claudiu Manole,	Titanium surface modification for a
	University Politehnica of Bucharest, Faculty of	better interaction with biological
	Applied Chemistry and Materials Science	environment
12:30	Mihai Gîrţu*, Cornel Oprea	Key Note Lecture:
	Ovidius University, Constanța	
		Electron structure effects in light
		harvesting and catalytic activity of
		TiO ₂ -based systems
	1	
13:00	Crina Anastasescu ¹ , Ioan Balint ¹ *,	Key Note Lecture:
	Nicolae Spătaru ¹ , Maria Zaharescu ¹ ,	
	Daniel Angelescu ¹ , Cornel Munteanu ¹ ,	Light adsorption and photocatalytic
	Veronica Bratan ¹ , Tanţa Spătaru ¹ ,	properties of highly defected SiO ₂
	Cătălin Negrilă ²	with tubular morphology
	¹ Institute of Physical Chemistry	
	"IlieMurgulescu" of the Romanian Academy	
	² National Institute of Material Physics,	
	Măgurele, Romania	
13:30	Fănică Cimpoeşu*, Anca Toader	Key Note Lecture:
15.50	Institute of Physical Chemistry	IXCY THUIC LECTUIC.
	"IlieMurgulescu" of the Romanian Academy	Mechanisms of charge transport and
	morrangaresea of the Romanian Academy	spin catalysis in carbon-based
		spin catalysis in carbon-basea materials
		maieriais
14:00	Lunch	
15:00		
-		
17:00	Tivere Tavie Discussivii vii I utu	
-	Round Table Discussion on Future Cooperation Directions	