

3th International Workshop on Achievements and Challenges for Functional Surfaces - Processing and Characterization Obtained by Electrochemical Methods NanoSurf 03 / 2014 jointly with PERFORM

July 23-25, 2014, Galati, Romania

You are kindly invited to attend the 3rd workshop organized by the Scientific Research Community in the frame of Research Scientific Projects: *CEA-IFA-Project C2-02-NanoSurfCorr / 2012, PNI-Bilateral RO-FR-Project 702-CorBioMat / 2013, PNI-PCE-Project 10 - HyBioElect / 2013* and *POSDRU/159/1.5/S/138963 Project - PERFORM*

to attend the 3th International Workshop on Achievements and Challenges in Functional Surfaces - Processing and Characterization and Surface engineering related aspects for new technologies, advanced materials, coatings and biomaterials:

NanoSurf 03 / 2014

The Workshop is organised jointly by:

- ◆ Competences Centre of Interfaces - Tribocorrosion – Electrochemical Systems (CC-ITES), from the Materials and Environmental Engineering Faculty, - Dunarea de Jos University of Galati (UDJG), Romania.
- ◆ Laboratoire Génie des Procédés Matériaux (LGPM) Ecole Centrale Paris (ECP), Chatenay Malabry, France.
- ◆ Department of Metallurgy and Materials Engineering, Katholieke Universiteit Leuven (KULeuven), Belgium.

It will be an excellent place and moment for teaching staff, doctoral and post-doctoral researchers to discuss the latest developments and trends in the field of surface modifications of materials as well as properties characterization for different applications in view of a sustainable development.

Thematic area:

- Surface modification by electrochemical methods: electrodeposition of metals, alloys, composite and hybrid coatings.
- Electrochemical methods for surface characterization of materials: corrosion, tribocorrosion.
- Biomedical coatings and surfaces.
- Functional coatings and surfaces.
- Properties of surfaces and coatings.
- Characterisation techniques.
- Global trends of surface engineering.
- Industrial applications.
- Biomedical applications.

International Scientific Committee:

Prof. Ph.D. Jean-Pierre CELIS - Ecole Centrale Paris, France & Katholieke Universiteit Leuven, Belgium: Jean-Pierre.Celis@mtm.kuleuven.be

Prof. Ph.D. Pierre PONTIAUX Ecole Centrale Paris, France: Pierre.Ponthiaux@ecp.fr

Prof. Ph.D. Iulian Gabriel BIRSAN – Rector - Dunărea de Jos University of Galați.

Ph.D. Florin Dorian BUZATU- Director Program IFA-CEA, IFA Magurele, Romania.

Ph.D. Felicia BRATU - Head of Monitoring and Project Implementation Department, Head of Monitoring and Project Implementation Department, Ministry of Environment and Climate Changes: feliciabratu@yahoo.com

Gabriela CHIRIC (VASILIU) – Project Officer – UEFISCDI: gabriela.chiric@uefiscdi.ro

Prof. Ph.D. Lidia BENEĂ - Dunărea de Jos University of Galați: Lidia.Benea@ugal.ro

Prof. Ph.D. Marian BORDEI Dean - Faculty of Materials and Environmental Engineering, Dunărea de Jos University of Galați: Marian.Bordei@ugal.ro

Prof. Ph.D. Minodora RIPA -Dunărea de Jos University of Galați: Ripa.Minodora@ugal.ro

INVITED LECTURES:

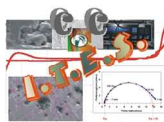
Prof. Ph.D. Pierre PONTIAUX, ECP, France:

La démarche scientifique ou le questionnement comme méthode d'Apprentissage (The scientific approach or the questioning as a Learning Method).

Prof. Ph.D. Jean Pierre CELIS, E. GIORGIU: ECP – France & KULeuven - Belgium:

Intermetallic coatings obtained by electrodeposition and their tribological behavior at high temperatures.

Ph.D. Felicia BRATU, Ministry of Environment and Climate Changes: *Sectorial Operational Program 2007-2013 - The investments in the environmental sector using European Funds.*



Organizing Committee:

Prof. Ph.D. Lidia BENEĂ - Dunărea de Jos University of Galați. Lidia.Benea@ugal.ro

Lect. Ph.D. Alina-Crina CIUBOTARIU - Dunărea de Jos University of Galați: Alina.Ciubotariu@ugal.ro

Prof. Ph.D. Alexandru CHIRIAC - Dunărea de Jos University of Galați: Alexandru.Chiriac@ugal.ro

Lect. Ph.D. Stefan BALTA - Dunărea de Jos University of Galați: Stefan.Balta@ugal.ro

Research Assistant Ph.D. Eliza DĂNĂILĂ - Dunărea de Jos University of Galați: Eliza.Mardare@ugal.ro

Workshop Secretariat:

Ph.D. Eliza DĂNĂILĂ - Dunărea de Jos University of Galați. Eliza.Mardare@ugal.ro

Assoc. Prof. Ph.D. Simion BALINT - Dunărea de Jos University of Galați. Simion.Balint@ugal.ro

Ph.D. Student Eng. Laurentiu MARDARE - Dunărea de Jos University of Galați.

Ph.D. Student Eng. Doinita NEAGU - PIRVU - Dunărea de Jos University of Galați.

Ph.D. Student Eng. Doru MATEI - Dunărea de Jos University of Galați.

Ph.D. Student Pharm. Iulian BOUNEGRU - Dunărea de Jos University of Galați.

Eng. Dorian BOLD - Dunărea de Jos University of Galați.

Master Student Eng. Bogdan – Sorin BASA- Dunărea de Jos University of Galați.

Oral contributions:

1. Lect. Ph.D. Alina CIUBOTARIU, Ph.D. Student Doru MATEI, Prof. Ph.D. Lidia BENEĂ: *Challenges and achievements in new composite coatings materials obtained by electro-codeposition - from micro to nano particles reinforcements (Rapport Project C2-02).*

2. Ph.D. Eliza DĂNĂILĂ, Prof. Ph.D. Lidia BENEĂ: *Titanium alloy – Electrochemical methods to improve surface properties for biomedical applications (Rapport project 10/2013).*

3. Ph.D. Student Iulian BOUNEGRU, Ph.D. Eliza DĂNĂILĂ, Prof. Ph.D. Lidia BENEĂ: *Hybrid coatings – news from chitosan electrodeposition (Rapport projects: 10/2013, 702/2013).*

4. Ph.D. Student Laurențiu MARDARE, Ph.D. Student Doinița PIRVU (NEAGU), Ph.D. Eliza DĂNĂILĂ, Prof. Ph.D. Lidia BENEĂ: *Nothing stays the same for ever: The environmental degradation and corrosion of materials – applications and protection methods in marine media.*

CC-ITES:

www.cc-ites.ugal.ro

Project: **CorBioMat** <http://www.corrbioamat.ugal.ro>

Project: **HyBioElect** <http://www.hybioelect.ugal.ro>

Project: **NanoSurfCorr** <http://www.nanosurfcrr.ugal.ro>

Project: **PERFORM** <http://www.perform.ugal.ro>



OIPOSDRU



Workshop Program:

23-07-2014: Arrival.

24-07-2014: Place: The Workshop will take place in the beautiful hall *Panoramic* of Hotel Galati – 13 Domneasca Street (9th Floor).

09³⁰ - 09⁴⁵: Welcome Address:

Prof. Ph.D. Marian BORDEI – Dean – Faculty of Materials and Environmental Engineering.

Prof. Ph.D. Cătălin FETECĂU – Dean – Faculty of Mechanics.

Prof. Ph.D. Lucian GEORGESCU - President of the Dunarea de Jos University Academic Senate & Head of Human Resources Project – PERFORM.

Prof. Ph.D. Lidia BENEĂ – Manager of Research Centre CC-ITES and Head of Research Projects: 702/2013, C2-02/2012 and 10/2013.

Prof. Ph.D. Minodora RIPA - Faculty of Mechanics, Dunărea de Jos University of Galați.

09⁴⁵ - 13⁰⁰ Invited lectures & Oral Contributions.

09⁴⁵ – 10¹⁵: Prof. Ph.D. Pierre PONTIAUX - ECP – France.

10¹⁵ - 10⁴⁵: Ph.D. Felicia BRATU -Ministry of Environment and Climate Changes.

10⁴⁵ – 11¹⁵ Coffee break.

11¹⁵ – 11⁴⁵: Prof. Ph.D. Jean – Pierre CELIS - ECP – France & KULeuven – Belgium.

11⁴⁵- 12⁰⁰: Ph.D. Alina – Crina CIUBOTARIU - Dunărea de Jos University of Galați.

12⁰⁰ – 12¹⁵: Ph.D. Eliza DĂNĂILĂ - Dunărea de Jos University of Galați.

12¹⁵- 12³⁰: Ph.D. Student Iulian BOUNEGRU - Dunărea de Jos University of Galați.

12³⁰ – 12⁴⁵: Ph.D. Student Laurențiu MARDARE - Dunărea de Jos University of Galați.

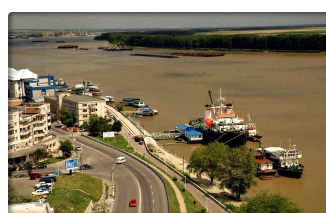
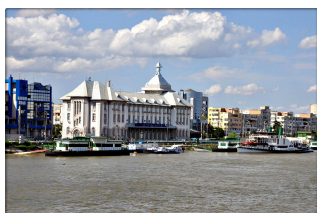
13⁰⁰-15⁰⁰: Lunch (*Rapsodia Restaurant* – Hotel Dunărea).

15⁰⁰ – 17⁰⁰: Round table.

Place: Faculty of Materials and Environmental Engineering, 111 Domneasca Street, Hall AN012.

17⁰⁰-17³⁰: Closing Remarks.

25-07-2014: Departure.



Looking forward to meet you all in Galati!