

„Dunărea de Jos” University of Galați
IOSUD-UDJG

Doctoral School of Engineering,
Doctoral School of Social and Humanities Sciences



Scientific Conference of Doctoral Schools of
UDJ Galați
(CSSD-UDJG 2016)

*Let's turn the multidisciplinary into
interdisciplinarity and transdisciplinarity !*



Galati, June 2-3 2016
www.cssd-udjg.ugal.ro

CHAIRS OF CSSD-UDJG-2016

Professor Viorica MUȘAT - Director of CSUD-UDJG
Professor Iulian-Gabriel BÎRSAN – Rector of UDJG

INTERNATIONAL SCIENTIFIC COMMITTEE

Professor Petru ALEXE - *Dunărea de Jos* University of Galați
Professor Ecaterina ANDRONESCU - *Politehnica* University of Bucharest
Professor Ștefan ANTOHE - University of Bucharest
Professor David RODRÍGUEZ-LÁZARO - Universidad de Burgos, Burgos, Spain
Professor Mariana Carmen CHIFIRIUC - University of Bucharest
Associate Professor Robert ARMON - Israel Institute of Technology, Haifa
Professor Ștefan AVĂDANEI - *Al. I. Cuza* Univ. of Iași
Professor Octavian BOLOGA - *Lucian Blaga* University of Sibiu
Professor Mariana Carmen CHIFIRIUC - University of Bucharest
Professor Aurelia MEGHEA - *Politehnica* University of Bucharest
Dr. Olivia CATTEDRA - CONICET/FASTA, Mar de Plata
Professor Virgil Ionel CIOCÎLTAN - Romanian Academy, *Nicolae Iorga* Institute of History
Professor Alexandra CORNILESCU - University of Bucharest
Professor Dan DASCALU - IMT Bucharest
Professor Mircea DIACONU - *Ștefan cel Mare* University of Suceava
Professor Cristian DOICIN - *Politehnica* University of Bucharest
Professor Rodica DUMITRIU - *Al. I. Cuza* University of Iași
Professor Elvira FORTUNATO - NOVA University of Lisbon
Professor Anton HADĂR - *Politehnica* University of Bucharest
Professor Horia IOVU - *Politehnica* University of Bucharest
Dr. Eng. Michael JANK - Fraunhofer IISB, Erlangen

Professor Rodrigo MARTINS - NOVA University of Lisbon, former President of E-MRS Assoc.
Professor Liviu Iulian PALADE - INSA of Lyon
Professor Traian PETRISOR - Tehnical University of Cluj
Professor Mihai POPESCU - National Institute of Materials Physics, Magurele-Bucharest Assoc.
Professor Nicolae RODDY - University of Iowa
Professor Loredana SANTO - *Tor Vergata* University of Rome
Professor Elena Brândușa STEICIUC - *Ștefan cel Mare* University of Suceava
Professor Felicia STAN - *Dunărea de Jos* University of Galați
Professor Ion VISA - *Transilvania* University of Brașov

Dear PhD Students and Postdoc Researchers,
Dear Colleagues,

We have the pleasure to invite you to participate in the 4th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (CSSD-UDJG), on 2nd and 3rd of June 2016, in Galați.

With this occasion, our institution aims to promote excellence in research within a broader framework of interdisciplinarity, to set up partnerships and collaborative relationships in related fields through the exchange of knowledge and expertise.

In line with the aim of our multidisciplinary conference, we will also like to bring together young researchers and internationally and nationally specialists in view of emphasizing the impact of scientific research on the knowledge based society of today. The general theme of the invited plenary talks of in this edition of the conference is ***"Challenges and New Approaches for health in the 21st century"***.

The new strategic approaches of smart governance for health include the health and well-being as key features of a successful society and economy, bringing to life the saying: *"If the 20th century challenge*

was all about adding years to life, the 21st will be about adding life to years”.

Like in the previous editions, the conference invites oral and poster presentations in seven concurrent sections related to the main domains of doctoral research at UDJG. Workshops, exhibition stands and social activities are also included in the programme, all with the aim of developing and improving the network of the doctoral schools.

This edition receives the financial support of the **Ministry of National Education and Scientific Research (MENCS)-Direction of Higher Education Funding**.

For more information, please visit periodically the conference website www.cssd-udjg.ugal.ro

We are looking forward to seeing you in the conference!

On behalf of the Organizing Committee,

President of Council for Doctoral Studies of UDJG (CSUD-UDJG)

Professor PhD Viorica MUŞAT

Conference Sections

S.1. *Advanced research in mechanical engineering, industrial engineering and electrical/electronic engineering*

S.2. *Progress in science and engineering of food bioresources*

S.3. *Functional materials & Nanotechnologies*

S.4. *Advanced investigation methods in environment and biohealth*

S.5. *Economic models and strategies of competitiveness*

S.6. *Cultural Spaces: Retrospective and Prospective Views*

S.7. *History. Society, economy and spirituality in the Romanian territory*

Important Deadlines:

- ✓ submitting Application form and Abstract(s) (site www.cssd-udjg.ugal.ro): May **10 2016**, to the following e-mail address:
S1: florin.onea@ugal.ro
S2: Anca.Nicolau@ugal.ro
S3: viorica.musat@ugal.ro
S4: Luminita.Moraru@ugal.ro
S5: Mariana.Neagu@ugal.ro
S6: Ifrim.Mihaela.alina@yahoo.com
S7: Constantin.Ardeleanu@ugal.ro
- ✓ Notification regarding the paper(s) acceptance: May **20 2016**.
- ✓ Submission of full paper(s) for publication: **until June 30 2016**, at the e-mail addresses mentioned above.

The event, held **without fees**, has the financial support of **doctoral schools of UDJG** and the **Ministry of National Education and Scientific Research (MENCS)**.

Publication of the papers presented

The papers will be published in one of the following journals (category B +), following standard procedure for review:

- ✓ Annals of "Dunărea de Jos" University of Galati, Fascicle II. *Mathematics, Physics, Theoretical Mechanics*;
- ✓ Annals of "Dunărea de Jos" University of Galati, Fascicle IX. *Metallurgy and Materials Science*;
- ✓ Annals of "Dunărea de Jos" University of Galati, Fascicle I. *Economics and Applied Informatics*, <http://www.eia.feaa.ugal.ro>;
- ✓ Annals of "Dunarea de Jos" University of Galati, Fascicle VII. *Fisheries, Aquaculture&Environmental Science*.
- ✓ Translation Studies: Retrospective and Prospective Views
- ✓ Cultural Intertexts

Conference program

June 2, 08.30-17.30

08:30 - 11:30 Participants registration
09:00 - 10:00 Opening Ceremony
10:00 - 11:15 Plenary conferences
11:15 - 11:30 Coffee break
11:30 - 13:00 Plenary conferences
13:00 - 14:00 Lunch (building D - 1st floor)
14:00 - 15:15 Oral communications on parallel sections
15:15 - 15:30 Coffee break
15:30 - 17:30 Oral communications on parallel sections
18:00 - 21:00 Festive dinner

June 3, 09.00-14.30

9:00 - 11:00 Oral communications on parallel sections
11:00 - 11:15 Coffee break
11:00 - 12:30 Poster Session (Building D, hallway, ground floor, 1st floor). Short presentation (10 min) of each poster
12:30 The awarding ceremony of the best presented papers and Closing ceremony

Official language of the conference: English

Accommodation. Information at <http://www.cssd-udjg.ugal.ro/accommodation.html>,

Contact person: viorica.ghisman@ugal.ro