

A SUCCESSFUL WEEK FOR NIRD URBAN-INCERC

Alexandru-Ionuț PETRIȘOR

PhD (Ecology), PhD (Geography), Habil. (Urban Planning), Scientific Director, NIRD URBAN-INCERC, Bucharest, Romania, e-mail: alexandru_petrisor@yahoo.com

Key words: NIRD URBAN-INCERC Conference, EuroInvent



1. NIRD URBAN-INCERC 9th conference and its anniversary event

During 13-15 May 2015, NIRD URBAN-INCERC was the host of its anniversary conference and ninth edition of the research conference on constructions, economy of buildings, architecture, urban

and territorial development titled “65 years of research in civil engineering, architecture and urban planning. From INCERC to NIRD URBAN-INCERC, 1950-2015”.

The objective of the series of conferences is to present the challenges of civil

engineering, architecture and spatial planning in the last 65 years within the framework of current societal issues and technological advances. The program consisted of a series of scientific workshops and seminars during the first two days and a festive even in the last one.

The conference received over 300 guests from 12 universities or academic centers, 7 research institutes, professional associations, public administrations and private companies from Romania and abroad; the diversity is the largest among the series of conferences – over 65 institutions. In addition, 100 former colleagues, managers or employees, attended the anniversary event. During the 7 scientific events, 55 papers were presented; some were already published or will be published in the journals and proceedings.



The conference was opened by Dr. Emil-Florin Albotă, State Secretary in the Ministry of Education and Scientific Research, Dr. Tudor Prisecaru, President of the National Authority for Scientific Research and Innovation, Dr. Gheorghe Croitoru, Head of the Directorate for Technical and Economic Regulations in the Ministry of Regional Development and Constructions of Moldova, Dr. Ana-Maria Dabija, Vice-Rector of “Ion Mincu” University of Architecture and Urban

Planning, Dr. Vasile Căndea from the Academy of Scientists in Romania, Dr. Iohan Neuner, Rector of the Technical University of Constructions, Dr. Anatolie Izbândă, Director of the INCERCOM Institute of Moldova, Dr. Constantin Ionescu, General Director of the National Institute for Earth Physics and the representative of the State Inspectorate for Constructions, in addition to the management of NIRD URBAN-INCERC.



Numerous congratulating messages were received from Romania and abroad; on behalf of the central authorities, messages were sent by:

- Dr. Sorin Mihai Cîmpeanu, Minister of Education and Scientific Research;
- Dr. Tudor Prisecaru, President of the National Authority for Scientific Research and Innovation;
- Mr. Vasile Bîtcă, Minister of Regional Development and Constructions of Moldova;
- Colonel Dr. Nicolae Cornea, General Inspector of the General Inspectorate for Emergency Situations;
- Mr. Nelu Stelea, General Inspector of the State Inspectorate for Constructions.

The following messages were received from the professional organizations:

- Mr. Mihai Daraban, President of the Romanian Chamber of Commerce and Industry;

- Mr. Claudiu Georgescu, President of the Romanian Association of Construction Materials Producers;
- Dr. Victor Popa, President of CNCisC;
- Dr. Joseph Haldane and Dr. Stuart Picken, International Academic Forum;
- Dr. Ioan Ianoș, President of the Professional Association of Geographers.

The following messages arrived from universities and research institutes:

- Dr. Anatolie Izbînda, Director of the INCERCOM Institute of Moldova;
- Dr. Ecaterina Andronescu, Chairman of the Senate of Polytechnic University of Bucharest;
- Dr. Iohan Neuner, Rector of the Technical University of Constructions of Bucharest;
- Dr. Daniela Lucia Manea, Vice-Rector of the Technical University of Cluj-Napoca;
- Dr. Ana-Maria Dabija, Vice-Rector of “Ion Mincu” University of Architecture and Urban Planning;
- Dr. Vasile Ișan, Rector of Alexandru Ioan Cuza University of Iași;
- Dr. Aurelian Bondrea, Chairman of the Administration Council of Spiru Haret University;
- Dr. Dan Bălțeanu, Director of the Institute of Geography of the Romanian Academy;
- Dr. Nicolae Panin, correspondent member of the Romanian Academy;
- Mr. Hariton George Predescu, President and General Director of CEPROCIM S.A.;
- Dr. Carmen Ghițuleasa, General Director of INCDTP;
- Dr. Polidor Bratu, President of ICECON GRUP.

In addition to them, former colleagues and managers of the institutes composing NIRD URBAN-INCERC before 2009 sent their congratulating messages:

- Dr. Dan Rădulescu, who attended the event coming from California;
- Dr. Horea Sandi;
- Dr. Victor Guțu;
- Dr. Radu Negru;
- Dr. Mihalache Păun;
- Dr. Magda Dinculescu;
- Dr. Ionel Preda;
- Dr. Mihail Pachitaș;
- Dr. Doina Bubulete;
- Dr. Elena Tîrziman;
- Dr. Ion Dobrinou;
- Dr. Corneliu Bob.



URBAN INCERC INSTITUTUL NAȚIONAL DE CERCETARE-DEZVOLTARE ÎN CONSTRUCȚII, URBANISM ȘI DEZVOLTARE TERITORIALĂ DURABILĂ "URBAN-INCERC"

LUCRARILE CONFERINTEI DE CERCETARE



VOLUMUL 9
2015

The abstracts of the papers presented during the scientific events are available at <http://www.incd.ro/wpcontent/uploads/2015/04/L9.pdf>, and full papers at <http://www.incd.ro/wp-content/uploads/2015/04/ATUAC9.pdf>.

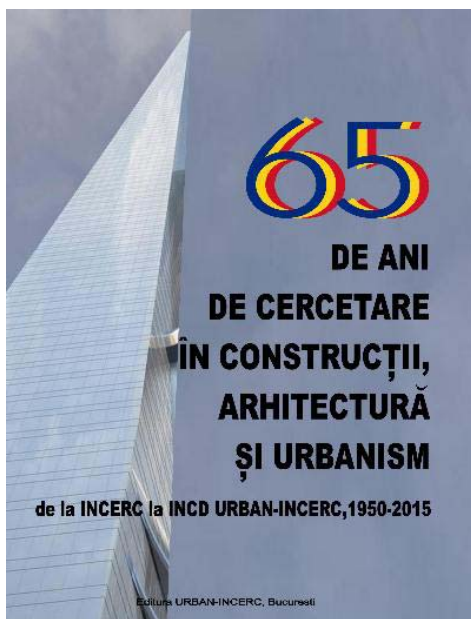
In addition to them, two new publications were launched in relationship to the anniversary event:



Cartea Albă a INCDC URBAN-INCERC 2010-2015



Cartea Albă a INCDC URBAN INCERC 2010-2015 (White Charter of NIRD URBAN-INCERC 2010-2015) (Editors: Vasile Meiță, Alexandru-Ionuț Petrișor, ISBN 978-606-8165-21-9) presents the scientific achievements of NIRD URBAN-INCERC during 201-2015 and the current organization of the institute.



65 de ani de cercetare în construcții, arhitectură și urbanism (65 years of research in constructions, architecture and urban planning) (Editors: Vasile Meiță, Alexandru-Ionuț Petrișor, ISBN 978-606-8165-22-5) presents the history of NIRD URBAN-INCERC and its most recent scientific achievements, including the congratulating messages mentioned above, received from the current administration, research, education and professional community, and from former managers and employees.

The media partners of the event were E-Build, Pro Idea, Igloo, Registry of Urban Planners in Romania, Arena Construcțiilor, Agenda Construcțiilor, Art Out, Casa Construct, Arhitectura and TV H.

2. NIRD URBAN-INCERC receives numerous awards at EuroInvent 2015

EUROINVENT – 7th European Exhibition of Creativity and Innovation took place during 14-16 May 2015 in Iași. The event has multiple purposes, including: dissemination of research results, partnerships and agreements, creating and developing new research ideas, technology transfer, implementation of inventions, and scientific recognition.

During the closing ceremony on 16 May 2015, NIRD URBAN-INCERC, through its General Director, Vasile Meiță, PhD, Habil. Granted several awards:

1. *Diploma for excellence in scientific research for the contribution to the progress of constructions, architecture, urban and territorial planning through the activity carried out in NIRD URBAN-INCERC to Dr. Ion Sandu, Romanian Inventors Forum*
2. *Diploma for excellence in scientific research for the contribution to the progress of constructions, architecture, urban and*

territorial planning through the activity carried out in NIRD URBAN-INCERC to Dr. Andrei Victor Sandu, Romanian Inventors Forum and Gheorghe Asachi Technical University of Iași

3. Diploma for excellence in scientific research for the contribution to the progress of constructions, architecture, urban and territorial planning through the activity carried out in NIRD URBAN-INCERC to Dr. Ofelia Cornelia Corbu, Technical University of Cluj-Napoca



In addition to them, Dr. Meitã received on behalf of the institute several distinctions recognizing the innovative value of research carried out by NIRD URBAN-INCERC:

1. Diploma for outstanding research in urban planning, architecture and building for the outstanding achievement in research and scientific output, in honor of creativity and novelty from the Center of Excellence Geopolymer and Green Technology at University Malaysia Perlis



2. Special award in high merit and recognition for an outstanding work in invention from the World Inventors Association based in Korea





TECHNICAL-SCIENTIFIC,
ARTISTIC AND LITERARY
BOOK SALON



EURO
INVENT
EUROPEAN EXHIBITION OF
CREATIVITY AND INNOVATION
EXPOZIȚIA EUROPEANĂ A
CREATIVITĂȚII ȘI INOVĂRII

DIPLOMA

Urbanism. Arhitectura. Construcții

(Editor Sef Vasile MEIȚĂ)

GOLD MEDAL

President of Jury
Prof. Constantin LUCA

President of Exhibition
Prof. Ion SANDU



EUROINVENT
2015



May 15, 2015

In addition to these awards, several publications edited by NIRD URBAN-INCERC or its researchers received awards in the "books/ journals" category:

1. *Urbanism. Architecture. Constructions* (ISSN 2069-0509) (gold medal)
2. Meiță V. (2015), *Metamorfoza spațiului deltaic (Metamorphosis of the Danube Delta space)*, 215 pp., Editura INCD URBAN-INCERC, Bucharest, Romania, ISBN 978-606-8165-13-4 (gold medal)
3. Meiță V., Voica M. (Editors), *Spații simbolice din lemn și stuf. Protejarea spațiului deltaic prin promovarea arhitecturii ecologice (Symbolic wood and reed spaces. Protecting the Danube Delta space by promoting ecological architecture)*, Editura INCD URBAN-INCERC, Bucharest, Romania, 80 pp., ISBN 978-606-8165-18-9 (silver medal)
4. Petrișor A.-I., Meiță V. (Editors) (2013), *Challenges for Romania within*

Horizon 2020 - The EU framework program for research and innovation 2014-2020. Preparing European partnering in research and technological development for sustainable constructions and built environment. Abstract Proceedings, 270 pp., Editura INCD URBAN-INCERC, Bucharest, Romania, ISBN 978-606-8165-17-2 (appreciation certificate)

5. Petrișor A.-I. (2014), *Abordare și metode de cercetare cu elemente de autorat științific (Research approach and methods with elements of scientific authorship)*, 174 pp., Ion Mincu University Press, Bucharest, Romania, ISBN 978-606-638-107-9 (appreciation certificate)
6. *Construcții (Constructions)* (ISSN 1221-2709 - print, 2247-0328 - online) (appreciation certificate)

Last but not least, all 28 posters showing the research carried out by NIRD

URBAN-INCERC researchers received “innovative research” medals (16 gold medals, 6 silver medals and 6 bronze medals):

1. Vasile Meită - *Criteria for the sustainable development of Danube Delta Biosphere Reserve* (gold medal)
2. Cornelia Baeră, Mircea Păstrav, Henriette Szilagy - *Cementitious composites with self-healing capacity as beam-column interface material for antiseismic hybrid joint* (gold medal)
3. Oana Eugenia Cazan - *Drying shrinkage behaviour of high strength fiber reinforced concrete* (gold medal)
4. Adrian Alexandru Ciobanu - *Experimental device for determining the thermal conductivity of vacuum insulation panels* (gold medal)
5. Emil-Sever Georgescu, Cristina Olga Gociman, Iolanda Gabriela Craifaleanu, Mihaela Stela Georgescu, Cristian Iosif Moscu, Claudiu Sorin Dragomir, Daniela Dobre - *Multi-hazard scenarios and impact mapping for risk mitigation to earthquakes and other extreme actions in a protected area of Bucharest* (gold medal)
6. Marta Cristina Zaharia - *Sound-absorbing and insulating layered panel* (gold medal)
7. Octavian Lalu - *New sustainable solutions for fire performance improvement of combustible façades used at rehabilitated buildings* (gold medal)
8. Monica Chereches, Nelu-Cristian Chereches - *Grid system for managing and controlling the air flow inside a ventilated façade* (gold medal)
9. Constantin Miron - *Eco-efficient energy building envelope* (gold medal)
10. Constantin Miron - *Construction system for civil and industrial buildings* (gold medal)
11. Claudiu-Sorin Dragomir, Vasile Meita, Emil-Sever Georgescu, Iolanda-Gabriela Craifaleanu, Ioan-Sorin Borcia, Nicolae-Cristian Croicu, Cornelia Alecu, Daniela Dobre - *A new concept in the operation and development of the National Strong Motion Network for Construction* (gold medal)
12. Livia Miron - *Eco- efficient system energy insulation, made with clean and renewable materials* (gold medal)
13. Valentin Tache, Monica Tache, Cristina Ivana - *Establishment and Evaluation Methodology for Metropolitan Areas in Romania* (gold medal)
14. Alexandru-Ionuț Petrișor - *Multi-scale, trans-disciplinary approach to spatial environmental research and planning* (gold medal)
15. Gheorghe-Alexandru Bărbos - *Long term bending behavior of ultra-high performance concrete (UHPC) beams* (gold medal)
16. Gabriela Călătan, Andreea Hegyi - *Studies on ways to protect the environment. The use of vernacular construction materials* (gold medal)
17. Anda Balasa - *Significance of Romanian social housing, related with the evolution of society* (silver medal)
18. Constantin Chifelea, Alina Chicos - *Specific elements of spatial planning from the analysis and diagnosis of the current situation in the Romanian-Bulgarian cross-border area* (silver medal)
19. Georgiana Toth, Alina Huzui-Stoiculescu - *Socio-environmental issues of marginal territories within the Romanian-Bulgarian cross-border area* (silver medal)
20. Aurelian Gruin, Felicia Enache, George Stanciu, Vlad Stanciu - *Using poured earth to achieve load-bearing elements in buildings* (silver medal)
21. Cornelia-Florentina Dobrescu, Elena-Andreea Calarasu - *Assessment of physical and mechanical performances of stabilized road structures using composite ecological products* (silver medal)

-
22. Daniel-Gabriel Vâlceanu - *The methodology of analyzing and evaluating the quality of housing* (silver medal)
23. Irina Popa, Alexandrina Mureșanu - *A new possibility to predict the behaviour of high - performance anticorrosive protections applied on steel after their exposure in natural aggressive environments, respectively in laboratory accelerated conditions* (bronze medal)
24. Horia Constantinescu - *Study regarding shear behavior of reinforcement for concrete elements* (bronze medal)
25. Vasilica Vasile, Alina Dima, Mihaela Ion, Cora Stamate - *Inorganic pollutants in indoor air of Bucharest office spaces. Case study* (bronze medal)
26. Alina Dima, Mihaela Ion, Vasilica Vasile, Mariana Cioncu-Puenea - *Particles matter in indoor air of the residential spaces* (bronze medal)
27. Claudiu-Sorin Dragomir, Daniela Dobre, Cornelia Alecu, Emil-Sever Georgescu - *Structural Safety Assessment of Reinforced Concrete Buildings* (bronze medal)
28. Silviu Lambrache - *Comparative analysis of the construction sector Romania - European Union* (bronze medal)
-

Article distributed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License (CC BY-NC-ND)

