

Scientific Excellence Awards

NEW ACADEMICIAN IN UPT - Prof. Dan DUBINĂ, PhD

- The Romanian Academy have 181 acting members (Academics and Corresponding Members), a number established by law; all members of the Academy are elected for life.
- Eligibility criteria include Romanian citizenship and outstanding performance in a scientific, artistic or literary domain. Candidates for associate membership can be up to 65 years old and can become full members any time after that. The Academy also has 135 honorary members who are both Romanian and foreign citizens of great intellectual value; their number is established by the General Assembly. Age is not a criterion for eligibility as an honorary member.
- Membership in the Academy confers certain rights, of which foremost are, naturally, the moral ones. Members of the Academy enjoy recognition for their excellence, contribute to the direction of the Academy's activity through their opinions and votes, participate in the activity of the Academy's sections and scientific institutes in their respective domain, and the Academy's full members bear the much coveted title of "Academician".
- Over the years, Politehnica University of Timisoara gathered 16 Academicians and 12 Corresponding Members.

Academician Dan DUBINĂ

Academician Dubină is professor and head of the Department of Steel Structures and Structural Mechanics at the Politehnica University of Timisoara, Romania.

He has published more than 400 scientific papers and 25 books in the field of cold-formed steel structures, steel structures in seismic areas, structural connections, and structural analysis. He is a member of the ECCS Technical Committees TC 7 (Cold Formed Thin Walled Sheet Steel in Building), TC 8 (Stability), TC 10 (Connections), and TC 13 (Seismic Design).

He has been awarded with the ECCS European Steel Design Award twice.



Key Qualifications

- Head of Department of Steel Structures and Structural Mechanics, at Faculty of Civil Engineering of PU Timisoara.
- Member in the Academic Board (University Senate) of Politehnica University of Timisoara
- Director of Research Centre for Mechanics of Materials and Structural Reliability (CEMSIG)
- Member COSCO (Committee for Coal and Steel- RFCS) for Romania
- Member of the Executive Board of ECCS, former President of ECCS (2005/2006)
- Member of Civil Engineering Commission of National Committee for Academic Titles and Diplomas (CNATDCU), Romanian Ministry of Education
- President of APCMR – Romanian Association of Constructional Steelworks Steel and Composite
- Vice-President of Romanian Association of Structural Engineers (AICPS)
- Vice President of National Committee for Seismic Engineering and Technical Committee of Structures, CS 5, Ministry of Regional

Development and Administration of Patrimony (MDRAP)

- Member of Technical Committee CT 343 (RO) for Structural Reliability and Structural Eurocodes of Romanian Association for Standardization (ASRO), coordinator for Eurocodes 3 and 9. Member of WGs 1.1, 1.3, 1.8, 1.10/EN 1993/CEN
- Code Drafter (Coordinator and/or author for Standards and Technical Regulations in the Field of Steel Structures, Seismic Engineering, Fire design.
- Project Coordinator of several R&D projects involving partners from several European countries.

Research focus

- Steel Structures in Seismic Zones (global performance/ connections/ rehabilitation)
- Cold formed steel structures/ Stability/ Advanced design/
- Robustness of structures under extreme actions

IEEE NIKOLA TESLA AWARD - Prof. Ion Gheorghe BOLDEA, PhD Corresponding Member of the Romanian Academy

- The IEEE Nikola Tesla Award was established in 1975 through an agreement between the IEEE Power Engineering Society and the IEEE Board of Directors.
- The Award is named in honor of Nikola Tesla, an electrical engineer, a distinguished Yugoslav-American inventor, and a pioneer in many fields, who is most renowned for the development of the coil that bears his name and the a-c induction motor.
- The IEEE Nikola Tesla Award is granted for outstanding contributions to the generation and utilization of electric power.

BIOGRAPHY

Prof. Ion Gheorghe BOLDEA, PhD in Electrical Engineering in 1973 has worked exclusively for University Politehnica Timisoara Romania, but spent more than 5 years in total as visiting scholar in USA and UK, while delivering intensive courses, keynote addresses IA-IEEE DLs (since 2008) in USA, S. America, EU and Asia, with technical consulting over decades for companies like GM, Bosch, Vestas, Hilti, Hyosung, EMBRACO, Scumberger etc.

His technical expertise is related to electric energy conversion and control by power electronics for better industrial productivity, energy savings and air pollution reduction. Besides the academic involvement he was a founding co-owner for 20 years of an industrial digital electric automation (IDEA) private enterprise that has now more than 60 engineers.

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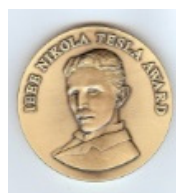
He worked and published on linear and rotary electric machinery design and control (18 books and more than 150 IEEEExplore papers, 30 patents etc.).

He received 4 IEEE paper awards, and is a member of Romanian Academy of Technical Sciences and of Romanian Academy.

Prof. Boldea initiated cooperation with many universities such as those of Kentucky, Oregon and Texas at Dallas in USA, Cassino, Bologna, Torino, Trieste in Italy, Hanyang in Korea, Aalborg University in Denmark where he holds a Doctor Honoris Causa.

Specific contributions

- The introduction of the optimum goodness factor for the design of linear induction motors of high speed (1976);
- First integrated-propulsion-levitation passive guideway MAGLEV –Magnibus (4 ton prototype on a 150m test track) with linear homopolar synchronous motors and over all power factor and energy conversion above 80% (1986);



- Generalization in 1988 of the to be DTC (in 1995), proposed initially (1985) only for IMs, under the name of TVC, for both voltage and current source inverter, for all ac motor drives;
- The design and testing of the largest power factor (0.91, at 1500W and 3.6krpm) reluctance synchronous motor (2 poles, ALA rotor) in 1992;
- 3rpm full torque sensorless control for an IM DTC drive without signal injection, using sliding mode observers and regulators (2000);
- The introduction of the first matrix converter in the terminal box of an induction motor (2000);
- The introduction of BEGA (an IPMSM with additional dc excitation in an axis at 90 degrees with respect to magnets axis) to produce very large CPSR at unity power factor and pure resistive generator voltage drop by zero Id and zero Psiq active control (2006);
- Introducing the concept of "active flux" as a unifying concept to simplify sensorless (advanced) control of all ac motor drives (2008);
- Optimal design deterministic and evolutionary methodologies for IMs and SMs with embedded FEM (2010);
- Contribution to the revival and development of No-PM Brushless DC multiphase reluctance machines with dual flat top;
- current control for high performance over wide CPSR with simplified control and applications for electric transport and wind/hydro generators (2012);

New Corresponding Member of the Romanian Academy Prof. Vasile MARINCA, PhD

- Romanian Academy is “the highest scientific authority in the country, bringing together the worthiest personalities in science, technology, education, culture and art in Romania, as representing the creative spirituality of the nation.”

BIOGRAPHY

Vasile Marinca is professor at the University Politehnica Timisoara, Department of Mechanics and Strength of Materials since 1978. He received his PhD degree in 1991 with the thesis “Inverse Problems in Analytical Mechanics”.

His main field of interest include nonlinear dynamical systems with application in various engineering branches, approximate analytical methods, nonlinear vibration, theoretical and applied mechanics.

Specific contributions

The most important achievements obtained in the past years are included in two major monographs published by the famous Springer in 2011 and 2015:

- The first monograph entitled „*Nonlinear Dynamical Systems in Engineering. Some Approximate Approaches*” has been cited so far 55 times in the literature and can be found (according to the international catalog WorldCat) in 288 university libraries from all over the world, including the famous MIT and Stanford University
- The second monograph, published in 2015 with the title „*The Optimal Homotopy Asymptotic Method. Engineering Applications*” can already be found in the libraries of the most important top universities of the world (136 university libraries from all over the world, according to www.worldcat.org).
- Prof. marinca authored or co-authored more than 175 papers, among them being 18 papers published in journals ranked in the “red zone” (defined by CNCS) of the journals quoted by ISI-Thomson in JCR (first quartile of the ranking). His papers received so far more than 800 citations on Web of Science and more than 1350 citations on Google Scholar. It to remark that two of his papers (published in International Commun. in Heat and Mass Transfer in 2008 si Applied Math. Letters in 2009) are marked on ISI - Web of Science as „Highly Cited Papers”, which means they belong to 1% most intensely cited papers of the domain „Engineering” in the case of the first paper, respectively „Mathematics” in the case of the second paper.
- Professor Marinca acted as editor within the editorial Board of „Journal of Applied Mathematics” and „The Open Applied Mathematics Journal”, and also was a guest editor for the Special



Issue „Advances in Nonlinear Vibration” organised in 2012 by the Journal of Applied Mathematics. He is a reviewer for a significant number of reputed international journals and also reviewer for Zentralblatt-Berlin. His H-index is 14 on Web of Science and 18 on Google Scholar.

- Professor Marinca is the principal investigator for a number of 12 research grants financed by CNCSU, ANSTI, CNCSIS and Romanian Academy and also for 14 contracts with the industry. He was included by the American Biographical Institute in The International Directory of Distinguished Leadership, he received a research grant financed by the Open Society and he served as assessor for many research proposals received by CNCSIS, ANCS, UEFISCDI and European Commission (Bruxelles, code EX2002B004947-005)
- He proposed in the literature 7 new approximate analytical methods for solving nonlinear dynamical systems, among them the Optimal Homotopy Asymptotic Method (OHAM) being the most popular, since it was adopted by many researchers in their papers and PhD thesis. There are already published in the open literature several hundred scientific papers whose authors (most of them from abroad) used this new method.
- As recognition of his scientific activity and achievements, on 26 November 2015 prof. Vasile Marinca was elected as Corresponding Member of the Romanian Academy.

BANAT EXCELLENCE GALA - 2nd Edition - "Traian Lalescu" Award for Mathematics and Natural Sciences, Lecturer Robert IANOȘ, PhD

Banat Excellence Gala - 2nd Edition

- Organized by the Romanian Academy - Timisoara Branch, State Universities of Timisoara and National Grand Lodge of Romania
- On the occasion, they were awarded personalities of the academic environment of Banat from different fields of science: natural science, social science, engineering, humanities, biological science, agronomical and civic involvement. Also, awards were granted to organizations from Banat with excellent results in education and sport.

Politehnica University of Timisoara has received two awards within the Gala of Excellence:

- "Traian Lalescu" Award for "Mathematics and Natural Sciences" - Lecturer Robert IANOȘ, PhD
- "Traian Vuia" Award for "Engineering Sciences" - Prof. Radu-Emil Precup, PhD

BIOGRAPHY

- Robert IANOȘ is a PhD Lecturer at Politehnica University of Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Department of Applied Chemistry and Inorganic Compounds and Environmental Engineering. He received his PhD in 2008, after defending the PhD thesis: "Solution combustion synthesis of oxides, metal oxides and oxide solid solutions".
- Robert IANOȘ activates in the field of metal oxide (nano) powder preparation via solution combustion synthesis.
- He published overall 43 peer-reviewed papers in ISI ranked journals, 5 books, 1 Romanian OSIM patent and 1 Romanian OSIM patent application. Among the 43 ISI articles, Robert IANOȘ is the main author of 28 ISI articles, which reflects the high degree of autonomy.
- According to Scopus (09.02.2016), Robert IANOȘ has a Hirsch index of 10 (self-citations and the citations of all co-authors excluded) and his papers received a number of 316 citations (self-citations and the citations of all co-authors excluded). The large number of received citations suggests that the ISI papers published by Robert IANOȘ have a significant impact in his research field.
- The quality of the ISI published papers is highlighted by the high impact factor of the journals in which Robert IANOȘ has published. Almost 80 % of the total number of ISI papers were published in ISI journals having an impact factor higher than 2.
- In 2010 Robert IANOȘ was awarded the "In Hoc Signo Vinces" prize (distinction Magna cum Laude) for outstanding achievements in scientific research, by the National Council for Scientific Research in Higher Education.
- In the same year Robert IANOȘ was awarded the "Eminent Researcher" prize for outstanding results in teaching and research activity, by the Academic Horizons Association.



- Based on his expertise, Robert IANOȘ was invited to join the reviewer team of 24 prestigious ISI-ranked journals (E.g. Advanced Functional Materials I.F. – 11.805, Small I.F. – 8.368, Current Opinion in Solid State & Materials Science I.F. – 6.235), having reviewed more than 35 manuscripts.
- The ability to coordinate research activities is reflected by the presence of Robert IANOȘ as a member of the mentoring committees of 4 PhD students, which have defended their PhD theses.
- Robert IANOȘ confirmed his ability to conduct high quality scientific research, as he is/was actively involved as a project leader (3 grants) and long-term expert or member of the research team in other 4 research grants.
- As recognition of his scientific activity and achievements, on December 2015 Robert IANOȘ received the "Traian Lalescu" award for Mathematics and Natural Sciences, within the Second Edition of Banat Excellence Gala.

BANAT EXCELLENCE GALA - "Traian Vuia" Award for Engineering Science, and UPT - "Excellence in Science for 2015" Award, Prof. Radu-Emil PRECUP, PhD

- Politehnica University of Timisoara is the first in the world in the field Controllers, Control and Tuning. Professor Radu-Emil Precup from Politehnica University of Timisoara was named the best in the world in the field of automation, science dealing with the study and development of structures and equipment capable of providing leadership systems without human intervention.
- On 17 December 2015 the Politehnica University of Timisoara granted Professor Radu-Emil Precup the Award "Excellence in Research for 2015" for advanced research activity which reconfirmed the high performance of our higher education institution.
- At the 2nd Edition of Banat Excellence Gala Professor Radu-Emil Precup has received "Traian Vuia" Award for "Engineering Sciences".

BIOGRAPHY

- Radu-Emil PRECUP was born in Lugoj, Romania, in 1963. He received the Dipl.Ing. (Hons.) degree in automation and computers from the "Traian Vuia" Polytechnic Institute of Timisoara, Timisoara, Romania, in 1987, the Diploma in mathematics from the West University of Timisoara, Timisoara, in 1993, and the Ph.D. degree in automatic systems from the "Politehnica" University of Timisoara, Timisoara, in 1996.
- Radu Emil PRECUP became a Professor in the Department of Automation and Applied Informatics, in 2000, and he is currently a Doctoral Supervisor of automation and systems engineering.
- He is also an Honorary Professor and a Member of the Doctoral School of Applied Informatics with the Óbuda University (previously named Budapest Tech Polytechnical Institution), Budapest, Hungary. He is currently the Director of the Automatic Systems Engineering Research Centre with the Politehnica University of Timisoara, Romania.
- From 1999 to 2009, he held research and teaching positions with the Université de Savoie, Chambéry and Annecy, France, Budapest Tech Polytechnical Institution, Budapest, Hungary, Vienna University of Technology, Vienna, Austria, and Budapest University of Technology and Economics, Budapest, Hungary. He has been an Editor-in-Chief of the International Journal of Artificial Intelligence since 2008 and he is also on the editorial board of several other prestigious journals.
- He is the author or coauthor of more than 300 papers published in various scientific journals, refereed conference proceedings, and contributions to books. His research interests include mainly development and analysis of new control structures and algorithms (conventional control, fuzzy control, data-based control, sliding mode control, neuro-fuzzy control, etc.), theory and applications of soft computing, computer-aided design of control systems, modelling, optimization (including nature-inspired algorithms), and applications to mechatronic systems (including automotive systems and mobile robots), embedded systems, control of power plants, servo systems, electrical driving systems.



HONOURS:

- Recipient of the Award "Excellence in Research for 2015" from UPT;
- Recipient of the "Traian Vuia" Award for "Engineering Sciences" within the 2nd Edition of Banat Excellence
- Recipient of the "Grigore Moisil" Prize from the Romanian Academy for contributions on fuzzy control (2005)
- Honorary Professor of Óbuda University, Hungary (2007).
- Honorary member of Hungarian Fuzzy Association (HFA, MFT, Budapest, since 2005)
- Senior Member, IEEE (since 2007).
- **Best Paper Awards:** Certificate of Appreciation for the Best Paper at 39th Annual Conference of the IEEE Industrial Electronics Society IECON 2013 (Vienna, Austria); Best Paper Award at 16th Online World Conference on Soft Computing in Industrial Applications WSC16 (Loughborough University, UK, 2011); two Best Paper Awards in the Intelligent Control Area at the 2008 Conference on Human System Interaction HSI 2008, Krakow (Poland).
- Recipient of the Excellency Diploma of the Faculty of Automation and Computers for special merits in the research expressed by publications (Timisoara, 2006), and diploma for special performance obtained in the activity carried out in the Faculty of Automation and Computers (Timisoara, 2005).
- Recipient of the Excellency Diploma of the International Conference on Automation, Quality & Testing, Robotics AQTR 2004 (THETA 14, Cluj-Napoca, Romania).
- Recipient of the Certificate of Achievement from the IEEE Romania Section for notable services and contributions towards the advancement of the engineering professions (2011).

“Prof dr. Mircea Nicolae SABĂU” ARA Awards for Excellence in Physics/Chemistry - Prof. Ioana IONEL, PhD

- The American Romanian Academy of Arts and Sciences (ARA) is an internationally recognised academic research and educational institution that conducts and supports multidisciplinary studies in exact sciences, mathematics, natural sciences, and also supports the arts, linguistics, literature, political studies and sociology. As an institution its main goal is to foster cultural exchanges between the American and Romanian cultures.
- ARA was founded in California in 1975 by a group of American-Romanians, and in 2014 has 119 elected members, 81 corresponding members, and 59 honorary members.

Ioana Ionel was born on June 24, 1953 in Cimpulung, Romania, and she is professor at the Politehnica University of Timisoara, department of and guest professor at the Technical University from Munich, Germany.

Her scientific development was mainly influenced by two events: PhD degree awarded 1987 and the Alexander von Humboldt fellowship, starting 1991.

She has as main area of expertise for teaching and research topics concerning Thermodynamics, Clean Combustion, Environmental protection and Renewable Energy applications.

In 2001 she habilitated at Technology University Munich based on a thesis and research concerning the quality of air, methods for investigations and clean technologies' applications for power plants.

She is leader and director of a specialized research centre consisting of different ISO 17025 attested labs, mainly the air quality (www.mediu.ro) monitoring and renewable energy resources are to be mentioned (<http://energieregen.mec.upt.ro>).

She is author of several books in Romanian, German and English, notable are the recent series of literature authored or coordinated concerning renewable energy resources such as biomass, biofuels, biogas, bioenergy in general.

Her activity consists both in lecturing at home and abroad, as invited professor, also for summer schools.



Numerous research project, on national, European, and international level have been coordinated, as well as expertise grants are offered to the private industrial sector. The coordination of PhD students is also notable.

Prof. Ioana Ionel is fellow at: Humboldt Foundation, member: Association Termotehnicienilor din Romania, Verein der Deutschen Ingenieure, Balkan Environmental Association, American Romanian Academy.

Corneliu BIRTOK-BĂNEASĂ - the most awarded PhD Student from UPT at Salons of Inventions worldwide

- Romania is known for having given the world some of its greatest minds. Mathematicians, scientists and inventors have successfully represented Romania in international competition over the years. Politehnica University of Timișoara has one of this brilliant mind - Corneliu Birtok-Băneasă, PhD Student.

BIOGRAPHY

• Corneliu BIRTOK-BĂNEASĂ is PhD student at the Politehnica University of Timișoara, Faculty of Engineering Hunedoara, Department of Engineering and Management, since 2015. He received his Bachelor degree in 2010 in the field of Road Vehicle, at Faculty of Engineering Hunedoara. In 2012 he received the Master degree in Automotive Engineering / Construction and operation of road vehicles, at the Politehnica University of Timișoara, Faculty of Mechanics.

• He was technical manager at the Company – S.C. LINIARIS GALA S.R.L.–Deva between 2011 and 2013. Since 2008 until now he is Chief Executive Officer of Company-Association Corneliugroup.

Specific contributions

• His main field of interest include optimisation of air intake for internal combustion engine. The most important achievements obtained in the past years are included in one monography entitled: The internal combustion engine air intake – Superabsorbing filters – Dynamic air transfer systems, published by the Politehnica Publishing in 2011.

• He authored or co-authored more than 20 papers, published in journals and national and international conferences.

• His is also co-author at the chapter 8 entitle: THE STUDY OF INFLOW IMPROVEMENT IN SPARK ENGINES BY USING NEW CONCEPTS OF AIR FILTERS from the book: Internal Combustion Engines - Edited by Kazimierz Lejda and Pawet Wos, InTech, Janeza Trdine 9, 51000 Rijeka, Croatia.

• He patented The Super absorbent filter (Patent No. 126019) and The Inversed super absorbent filter (Patent No. 125034). Also he obtained the Utility model certificate for Integrated deflector of thermal radiations generated by the cooling radiator of internal combustion engines No. RO 2010 00026 and the Utility model certificate for Dynamic Device for Air transfer No. RO 2009 00028.



• The personal and original ideas, innovations and inventions belonging to Eng. Birtok-Băneasă was awarded at many national and international events.

The awards received by Corneliu BIRTOK-BĂNEASĂ:

- **26 Gold Medals:** INVENTIKA 2008; BRUSSELS 2008; INVENTIKA 2009; GENEVA 2010; INVENTICA 2010; MOSCOVA 2010; ZAGREB 2010; KUWAIT 2010; INVENTICA 2011; PROINVENT 2012; GENEVA 2012; BRUSSELS 2012; GENEVA 2013; BRUSSELS 2013; GENEVA 2014; PRO INVENT 2015; GENEVA 2015; TRAIAN VUIA 2015; INVENT _ INVEST IASI 2015; BRUSSELS 2015
- **6 Silver Medals:** GENEVA 2009; MOSCOVA 2009; BRUSSELS 2009; TRAIAN VUIA 2015; ZAGREB 2015; INVENT _ INVEST IASI 2015
- **2 Bronze medals:** ZAGREB 2009; GENEVA 2011
- **22 Special Awards.**

BEST PAPER AWARDS at 3th Asian Conference on Mechanism and Machine Science, Tianjin, China

- Aiming to enhance cross communication among researchers, industry professionals and students from Asian countries from the broad ranges of disciplines referring to mechanism and machine science.
- In addition to the regular tracks of technical presentations, the technical program will also feature several invited sessions. Topics of interests include, but are not limited to: Theoretical kinematics, Computational kinematics, Machine elements, Actuators, Gearing and transmissions, Linkage and cam, Mechanism design, Dynamics of machinery, Tribology, Vehicle mechanism, dynamics and design, Reliability, Experimental method in mechanism, Robotics and mechatronics, Biomechanics, Micro/nano mechanism and machine, Medical/welfare devices, Nature and machines, Design methodology, History of mechanism and machine science, Education in mechanism and machine science.
- The award committee will select the best papers in several fields of technical sessions and also recommend them for publication in one volume of the Mechanism and Machine Theory, the official journal of IFToMM.

The paper **Design and Control Solution for Haptic Elbow Exoskeleton Module Used in Space Telerobotics** received the “Best Paper Award” in the framework of the Asian Conference on Mechanism and Machine Science. The conference held in Tianjin, China, between July 9 to 10, 2014.

In this work the authors presented results of a research project carried out under EXORAS, financed by the Romanian Space Agency (ROSA), through contract no. 13 / 19.11.2012 -The STAR 2012.

The authors are:

Erwin Christian LOVASZ, Associated Professor at Politehnica University of Timisoara, Department of Mechatronics.
Fields of research are: Mechanism Design, Robotics, Biomedical Engineering etc.

Dan Teodor MĂRGINEANU, PhD Lecturer at Politehnica University of Timisoara, Department of Mechatronics.

Valentin CIUPE, PhD Lecturer at Politehnica University of Timisoara, Department of Mechatronics with skills and expertise in Robotics, Mechatronics, Machines, Automation, PLC, Pneumatic, Actuators, Electrical Engineering, Control Systems Engineering etc.

Inocențiu MANIU, Professor at Politehnica University of Timisoara, Department of Mechatronics with skills and expertise in Robotics, Mechanical Engineering, Electronic Engineering, Materials Engineering, Mechanism theory etc.



Corina Mihaela GRUESCU, Associated Professor at Politehnica University of Timisoara, Department of Mechatronics.

Fields of research are: Design Engineering, CAD, Optical Design, Optical Engineering, Applied Optics, Mechanical Design, Mechanical Engineering, Quantitative Image Analysis.

Sergiu Dan STAN, PhD Lecturer Technical University of Cluj-Napoca, Department of Mechatronics and Machine Dynamics with skills and expertise in: Evolutionary Algorithms, Optimization, Simulation, Algorithms, Parallel Robots, Mechatronics, Kinematics, Arduino, MATLAB Simulation, Genetic Algorithm, System Modeling.

Eugen Sever ZĂBĂVĂ, Assistant professor at Politehnica University of Timisoara, Department of Mechatronics, with expertise and skills in: Reaction Kinetics, Kinetics, Heterogeneous Catalysis, Mechanisms Kinetic Modeling, Catalyst Characterization, Catalyst Synthesis, Adsorption, CAD-Modeling, CAD, AutoCAD Mechanical, Mechatronics.

SCIENTIFIC EXCELLENCE AWARDS - BEST PRESENTATION AWARD at International Multidisciplinary Scientific Conferences on Social Sciences and Arts SGEM 2015

- SGEM Multidisciplinary Scientific Conferences were established in 2001 year with the main idea to focus the World's Scientific Elite in the most recent and innovative areas of Science.
- SGEM Conferences are well known and recognized as one of the most prestigious and with big impact factor events in the International Scientific World. SGEM Conferences till now covers all areas of the GeoSciences, with a total of 27 scientific fields. All accepted articles are published in Conference Proceedings and yearly is submitted for evaluating and indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest, Google Scholar, Mendeley, CiteUlike, CrossRef Cited by Linking, British Library.
- Every year, during an Official Award Ceremony, all speakers (Lecturer, PhD Student, Workshops or Invited Session Speakers) receive a Certificate of Attendance given personally by one of the Scientific Chairmen of the conference.

During all these 7 days of the Conference, the audience is encouraged to give its vote to the best presentations by filling a respective nomination form. At the same time, session chairmen have the hard task to evaluate each presentation – they fill in another evaluation form and forward it to the Scientific Chairmen. As a final result, authors of the highly evaluated and most nominated presentations are awarded with a AWARD CERTIFICATE and a SPECIAL CRYSTAL PLAQUE.

Mariana Cernicova Bucă, due to the presentations made to the papers: **Universities and their identity in the 21st century** and **Strategies for promoting sport clubs in the web 2.0 era. A Romanian view** at International Multidisciplinary Scientific Conferences on Social Sciences and Arts SGEM 2015, received **"Best Presentation Award"** The conference held in Albena, Bulgaria, between August 24 to September 02, 2015.

Mariana CERNICOVA - BUCĂ is Associate Profesor at Politehnica University of Timisoara, Department of Communication and Foreign Languages with skills and expertise in Mass-media, Communication, Communication and public relations, Journalism, Professional Ethics, Lobby and advocacy etc.



EXECUTIVE UNIT FOR FINANCING HIGHER EDUCATION, RESEARCH, DEVELOPMENT AND INNOVATION - UEFISCDI AWARDS

Through these awards UEFISCDI aims to increase quality, impact and international visibility of Romanian research by recognizing and rewarding significant results published in prestigious journals from international senior scientific stream.

Within this competition can participate the researchers affiliated to institutions in Romania, authors of scientific articles published in journals indexed by Thomson Reuters Science Citation Index Expanded ("Science"), Social Sciences Citation Index ("Social Sciences") or Arts & Humanities Citation Index ("Arts & Humanities").

More information at <http://uefiscdi.gov.ro/Public/cat/471/Premierea-rezultatelor-cercetarii.html>

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