

Elsevier's Scopus Awards Romania 2017 Award for Excellence in Global Contribution Radu-Emil PRECUP, Mircea-Bogdan RĂDAC & Ștefan PREITL

The Elsevier Scopus Award for Excellence in Global Contribution is awarded to a specific research program that contributes significantly to a scientific field or matter of global importance, in accordance with Romania's currently publicized research strategies. The awardee is chosen using the SciVal metric "Competencies," which is measured at the national level.

Data from Elsevier's Scopus and SciVal are used to identify the nominees and determine the winning research program. All currently available data from all Romanian programs are collected and analyzed for this award.

The winners of the Elsevier Scopus Award for Excellence in Global Contribution are Radu-Emil PRECUP, Mircea-Bogdan RĂDAC and Ștefan PREITL, Politehnica University of Timisoara, for research in area of Control and Systems Engineering, Artificial Intelligence and Electrical and Electronic Engineering.



The Winners of Scopus Awards Romania 2017 event took place on October 26th, 2017, in Iasi, Romania.



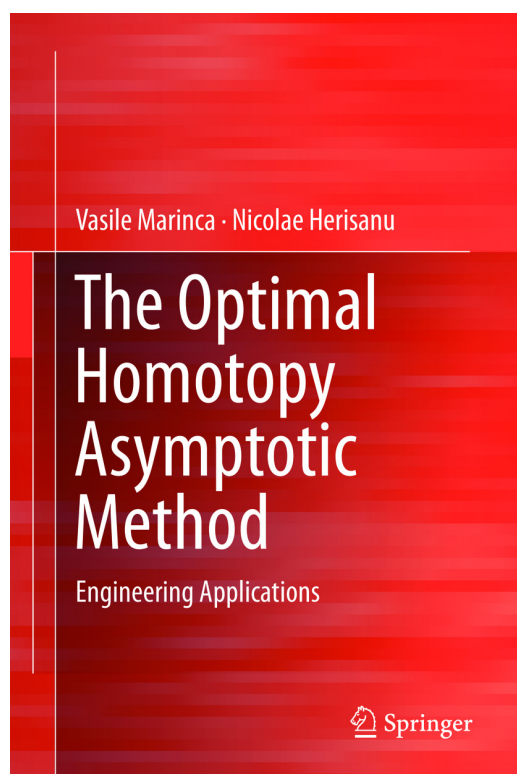
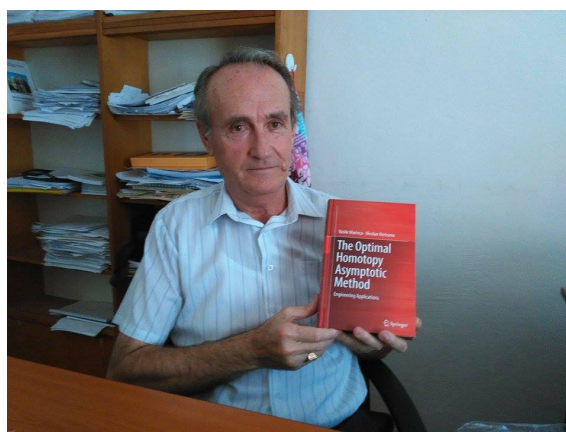
Romanian Academy 2017 "Aurel Vlaicu" Award Prof. Vasile MARINCA, PhD & Prof. Nicolae HERIȘANU, PhD

On December 15, 2017, the Romanian Academy awarded the "Aurel Vlaicu Award" to Prof. Vasile Marinca and Prof. Nicolae Herisanu for the monograph "The Optimal Homotopy Asymptotic Method. Engineering Applications", published by the famous publisher SPRINGER Verlag in 2015.

The method developed in this book was proposed for the first time in the scientific literature by the two authors in 2008 and received up to now more than 600 citations from other authors.

The entire monograph is based on the scientific research done by the two authors, being presented in detail 41 case studies related to various fields of research, such as technical mechanics, mechanical vibration, fluid mechanics, thermodynamics, electrical engineering, and so on.

Explicit analytical solutions are obtained for nonlinear dynamical systems specific to the above mentioned fields and these solutions are validated by comparisons with numerical solutions, a very good accuracy being emphasized in each case.



Date of award ceremony: December 15, 2017, at 10 am, Hall of the Romanian Academy, Bucharest

Web: <http://www.acad.ro/bdar/galeriiFoto/foto2017-1215St78.php>

It is to remark that up to now, this monograph is present in more than 200 university libraries worldwide, according to the international catalog WorldCat (www.worldcat.org).

Politehnica University of Timisoara CLAAS Award for EXCELLENCE IN RESEARCH Assist. Prof. Emanoil LINUL, PhD

CLAAS award for
EXCELLENCE IN RESEARCH
in the academic year 2016-2017



Emanoil Linul – Assist. Professor, PhD.
Department of Mechanics and Strength of Materials,
Politehnica University of Timisoara



- He is 33 years old;
- In the years 2016, 2017 he published 14 scientific papers in the ISI circuit, 12 papers in ISI indexed Journals and 2 papers in ISI Proceedings, 9 being located in the first two quartiles (6 in Q1 Journals, 3 in Q2 Journals).
- He is first author/correspondent author at 6 out of 14 mentioned papers.
- He has $H_{index} = 9$ - WOS and over 200 citations highlighted in WOS;
- He has $H_{index} = 9$ - Scopus and over 250 citations highlighted in Scopus;
- He has $H_{index} = 11$ - Google Scholar and over 390 citations highlighted in Google Scholar;
- He has published in the entire research activity 40 scientific papers in the ISI circuit, of which 31 in ISI Journals;
- He leads, as a Director, a research project obtained in the internal competition Research Development Projects - Young Researchers;
- Scientific areas of interest are: fracture mechanics, composite materials, porous and cellular materials;
- Received Awards and Distinctions:
 1. A Research Trophy + plaque signed by the Rector of UPT;
 2. A Grant of 1000 EURO to support research activities.



Politehnica University of Timisoara Award for EXCELLENCE IN RESEARCH Assoc. Prof. Claudiu ALBULESCU, PhD

The Prize for "Excellence in Research" for the results obtained during the academic year 2016-2017

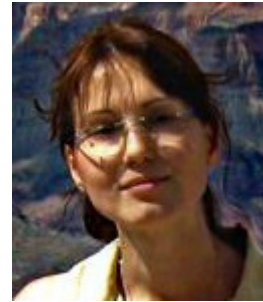
At the end of the year, Politehnica University of Timisoara awarded the "Excellence in Research" prizes to young people who achieved remarkable results during the academic year 2016-2017. As principal investigator, Claudiu Albulescu successfully finalized in 2017 a research grant for young research teams, awarded by UEFISCDI. During the academic year 2016-2017 he published 18 articles in journals and conference proceedings, indexed by Thomson Reuters. Claudiu Albulescu is currently Associate Professor at the Management Department, Faculty of Management in Production and Transports, from the Politehnica University of Timisoara. He is also associated research at CRIEF (University of Poitiers). His research fields are related to macroeconomics and monetary economics, banking and finance, energy economics, financial management and entrepreneurship.



IEEE Conference on Computer Vision and Pattern Recognition (CVPR 2017) BEST PAPER AWARD Lecturer Codruța Orniana ANCUȚI, PhD & Lecturer Cosmin ANCUȚI, PhD

The team consisting of Codruta O. Ancuti (UPT, ETC, MEO), Cosmin Ancuti (UPT, ETC, MEO), Christophe DeVleeschouwer (University Catholique of Louvain) and Rafael Garcia (University of Girona) has been awarded with “Best Paper Award” for the paper “Locally Adaptive Color Correction for Underwater Image Dehazing and Matching” presented at CVPR workshop NTIRE 2017

(<http://www.vision.ee.ethz.ch/ntire17/>).



Codruta Orniana Ancuti
Senior Researcher / Lecturer

I completed my Ph.D. at Hasselt University (Belgium) in 2011. Starting with 2013 I am a Lecturer at UPT. My main interest of research is image understanding and visual perception. The goal of perceptually validated approaches is to enable computers to acquire images and extract important features comparable with the human visual system and beyond. I am currently a research fellow at University of Girona (ViCOROB group), where I pursue my research on underwater image enhancement.



IEEE Conference on Computer Vision and Pattern Recognition (CVPR 2017) has been held at Honolulu Convention Center, Hawaii, US and had had an attendance of more than 5000 researcher and industry partners.

CVPR is the premier annual computer vision event comprising the main conference and several co-located workshops and short courses. With its high quality and low cost, it provides an exceptional value for students, academics and industry researchers.



Cosmin Ancuti
Senior Researcher / Lecturer

I am lecturer at UPT and research fellow at University Catholique of Louvain, Belgium. Prior to joining UPT, I was a senior researcher at University of Hasselt, Belgium. My main research interests are image processing and computer vision.

4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017 BEST SPEAKER AWARD Assoc. Prof. Mariana CERNICOVA-BUCĂ, PhD

Assoc. Prof. Mariana Cernicova-Bucă, PhD, from the Faculty of Communication Sciences (UPT), obtained the Best Speaker Award for the paper "Placing Romania on the Map" at the 4th International SGEM Conference on Social Sciences and Arts, which took place in Albena, Bulgaria in August 22-30, 2017 (<http://sgemsocial.org/>).

The Conference Proceedings Volumes (ISSN 2367-5659) are subject to indexing in ISI Web of Knowledge, Clarivate Analytics, ELSEVIER products Mendeley, CrossRef, EBSCO, ProQuest, RSCI, Google Scholar, CiteUlike, CrossRef Citedby Linking, British Library and host over 1,300 papers presented on site.

The conference is organized under the aegis of 18 national academies from three continents. The "Best speaker award", bearing a diploma and an engraved crystal trophy, is awarded at the proposal of the section moderators in which the papers are presented. The titles are presented to the laureats at a festive ceremony, at the end of the multidisciplinary conference.



International Exhibitions (I), (II), (III) Medals, prizes and diplomas Ștefan PAVEL

1. The International Exhibition of Research, Innovation and Inventions "Pro Invent" the 15th edition, March 22-24, 2017, Cluj-Napoca, Romania (I)
2. The International Exhibition of Inventions and Innovations "TRAIAN VUIA" Timișoara the 3rd edition, 7-9 June 2017 (II)
3. The Innovation and Research Exhibition UGAL INVENT, 19-20 October 2017, Galati, Romania (III)

1. Installation for decontamination of residual water in the dental unit

A / 00658 / 05.09.2013

RO129343 (A0);(A8) / 30.05.2014

Pavel Ștefan, Talpoș Niculescu Șerban, Streian Felicia, Găină Paulina Ioana, Doboși Ioan Silviu, Bratu Emanuel Adrian, Borza Ioan

- The Diploma and the Golden Medal (II)
- The Diploma of Excellence and the Silver Medal (III)

2. Lighting installation for the "ceramic chamber" compartment of the dental laboratory

RO 2013 00033

Pavel Ștefan, Talpoș-Niculescu Șerban, Streian Felicia, Găină Paulina Ioana, Doboși Ioan Silviu, Bratu Emanuel Adrian, Borza Ioan

- The Diploma and the Silver Medal (II)
- The Diploma of Excellence (III)

3. Compressed air installation for dental units

RO 2013 00050

Pavel Ștefan, Borza Ioan

- The Diploma and the Bronze Medal (II)
- The Diploma of Excellence (III)

4. Electrical installation for air disinfecting in dental units

RO 2014 00031

Pavel Ștefan, Suci Silviu Cristian, Borza Iconia Ecaterina, Hogeia Elena, Dumitrașcu Victor, Vlad Daliborca Cristina, Adam Andrei, Lăcătușu Eugen-Florin, Jifcu Deian Adrian, Tutelcă Ancuța Letiția

- The Diploma of Excellence and the Golden Medal (I)
- The Diploma and the Golden Medal (II)
- SPECIAL PRIZE ("Victor Babeș" University of Medicine and Pharmacy, Timișoara) (II)
- The Diploma of Excellence (III)

5. Portable device for air disinfecting from closed areas

U/00045/16.07.2015

Pavel Ștefan

- The Diploma and The Silver Medal (II)
- The Diploma of Excellence (III)

6. Portable device for pain or discomfort signaling during dental medical act

RO 2015 00055

Pavel Ștefan

- The Diploma of Excellence and the Golden Medal with Special Mention (I)
- The Diploma and the Bronze Medal (II)
- The Diploma of EXCELLENCE & INCDMTM TROPHY (III)
- The Diploma of Excellence (III)

7. Mobile installation for child support during pediatric radiology

U/00021/08.06.2016

Pavel Ștefan, Popoiu Călin Marius, Mocan Marian Liviu, Doboși Ioan Silviu, Șerban Dan Andrei

- The Diploma of Excellence and the Golden Medal with Special Mention (I)
- The Diploma and the Golden Medal (II)
- SPECIAL PRIZE with Medal ("Victor Babeș" University of Medicine and Pharmacy, Timișoara) (II)
- The EXCELLENCE Diploma (University of Agricultural Sciences and Veterinary Medicine of Banat "Regele Mihai I") (II)
- The Bronze Medal (III)
- The Diploma of Excellence (III)

8. Electric lighting installation for dental aesthetics

U/00018/28.04.2017

Pavel Ștefan, Krems Cristina, Mocan Marian Liviu, Doboși Ioan Silviu

- The Diploma and the Golden Medal (II)
- The Diploma of Excellence (III)

European Exhibition of Creativity and Innovation - EUROINVENT

GOLD MEDAL & DIPLOMA

Floriana Daniela STOIAN, Sorin HOLOTESCU & Oana Maria MARINICĂ

PATENT TITLE: Planar transformer with magnetic nanofluid

Patent number: RO131757-A0/2017 awarded by OSIM

Registered in the Derwent International Database Accession Number: 2017-21890U [31]

Authors: Pislaru-Danescu Lucian, Popa Marius, Ilie Cristinel Ioan, Chihaia Rares-Andrei, Babutanu Corina-Alice, Nicolaie Sergiu, Bunea Florentina, Stoian Floriana Daniela, Holotescu Sorin, Marinica Oana Maria, Morega Alexandru-Mihail, Morega Mihaela, Dumitru Jean Bogdan, Popa Nicolae-Calin

Owners: ICPE-CA Bucharest and Politehnica University Timisoara

Funding: National research project PN II PCCA no.63/2014, cod. PN-II-PT-PCCA -2013-4-0486

Short description: in OSIM Bulletin, Section Patents, no.3/2017 (in Romanian)

Event: European Exhibition of Creativity and Innovation, EUROINVENT,

May 25th, 2017, Iasi, Romania

Award: Gold medal



American Romanian Academy of Arts and Science MENTION Assist. Prof. Delia Gabriela CĂLINOIU, PhD

Conference Title: the 41st Congress of the American Romanian
Academy of Arts and Science

Conference Date: 19-22.07.2017

Conference Location: CRAIOVA, ROMANIA

Organizer(s): UNIVERSITY OF CRAIOVA

Web:

<http://www.americanromanianacademy.org/41st-congress-2017>

Short Description. Topics:

The areas of activity that ARA is presently involved in include:
environment, engineering, biology, applied mathematics, physics,
economy, literature, linguistics, history, politics, law, philosophy.

Publication of papers: (Published papers by:)

Publication of papers with title: "The importance of the aerosol
monitoring in renewable energy".

