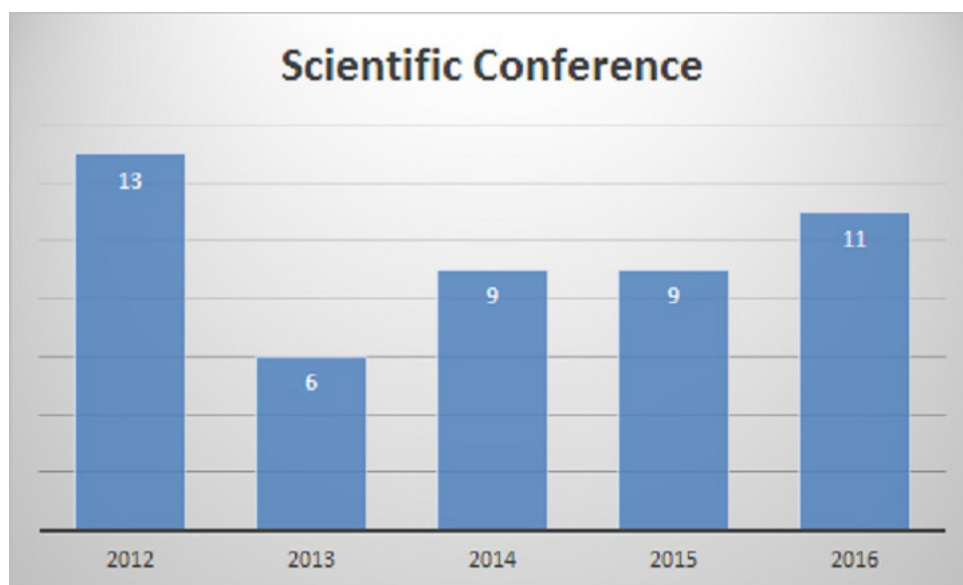


# SCIENTIFIC CONFERENCES



## EVOLUTION OF SCIENTIFIC CONFERENCES 2012 - 2016





## 11<sup>th</sup> IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI 2016)

12-14 May 2016, Timisoara, Romania

**Organizers:** Óbuda University, Budapest, Hungary

Politehnica University of Timisoara, Romania

IEEE Chapter of Systems, Man and Cybernetics Society, Romania

<http://conf.uni-obuda.hu/saci2016/>

SACI conference appears on the Australian Research Council list, in class C.

Topics:

- Computational Intelligence
- Intelligent Mechatronics
- Systems Engineering
- Intelligent Manufacturing Systems
- Intelligent Control
- Intelligent Robotics
- Informatics

Publication of papers

SACI 2016 papers are indexed in:

- Thomson Reuters Web of Science
- Scopus
- DBLP
- and other databases.



## Smart Learning Ecosystems and Regional Development SLERD

19-20 May 2016, Timisoara, Romania

**Organizers:** Politehnica University of Timisoara, Multimedia Research Centre

Association for Smart Learning Ecosystems and Regional Development

<http://www.mifav.uniroma2.it/inevent/events/aslerd/index.php?s=232&link=slerd2016>

The 1<sup>st</sup> International Conference on Smart Learning Ecosystems and Regional Development intends to establish itself as an interdisciplinary forum where scholars, entrepreneurs and policy makers could bring and compare their visions, researches and experiences on how the “smartness” of the learning ecosystems (schools, campus, working places, informal learning contexts, etc.), sustained by the technologies, can influence the economical development, foster the social innovation and educate aware and active present and future citizens.



Management,  
Knowledge and Learning  
Joint International Conference 2016  
Technology, Innovation  
and Industrial Management

## Joint International Conference of Management, Knowledge and Learning (MakeLearn) and Technology, Innovation and Industrial Management (TIIM)

25–27 May 2016, Timisoara, Romania

**Organizer:** Politehnica University of Timisoara, Faculty of Management in Production and Transportation

<http://makelearn.mfdps.si/index.php?id=97>

MakeLearn & TIIM 2016 conference theme focuses on Managing Innovation and Diversity in Knowledge Society through Turbulent Time. The conference deals with innovation as management's new imperative in finding novel solutions to important problems. Furthermore, contemporary workplace and markets are becoming more and more diverse. In order to survive, companies need to be able to manage and utilize its diverse workplace effectively. Managing diversity in the workplace should be a part of the culture of the entire organization. With this in mind, knowledge management can be the foundation in the search for the right answers and future directions in managing innovation and diversity in knowledge-based society. The conference proceedings is index in EconPaper (Idea) data base.

The conference proceedings is available at: <http://www.toknowpress.net/ISBN/978-961-6914-16-1/MakeLearn2016.pdf>

Dermol V., Trunk A., and Smrkolj M (Editors) (2016). MakeLearn 2016: Managing Innovation and Diversity in Knowledge Society Through Turbulent Time, Proceedings of the MakeLearn and TIIM Joint International Conference, 25–27 May 2016, Timisoara, Romania, ISSN 2232-3309, Published by ToKnowPress Bangkok • Celje • Lublin

ToKnowPress is a joint imprint of Kasetsart University, Thailand; International School for Social and Business Studies, Slovenia; and Maria Curie-Skłodowska University, Poland. Among others, ToKnowPress publishing house publishes conference proceedings of MakeLearn and TIIM conferences. ToKnowPress website: <http://www.toknowpress.net/>.



## International Conference on Applied Sciences - ICAS2016

25–27 May 2015, Hunedoara, Romania

**Organizer:** Politehnica University of Timisoara

in cooperation with: Military Economics Academy of Wuhan, "Henri Coanda" Air Force Academy of Brasov, Academy of Romanian Scientists, Academy of Technical Sciences of Romania - Timisoara Branch, General Association of Romanian Engineers - Hunedoara Branch

<http://www.fih.upt.ro/v4/ICAS2016/index.htm>

Topics of the conference covers a comprehensive spectrum of issues from:

1. *Fundamental Sciences:* Numerical approximation and analysis, Interdisciplinary applications of mathematics and physics, Modelling and Simulation, and others...
2. *Materials Science:* Metallic Materials, Composite Materials, Metal Alloys, Metallurgy, Heat Transfer, Mechanical Engineering, Mechatronics, Reliability, and others...
3. *Electrical Engineering:* Circuits and Systems, Signal Processing, Computational Methods in Engineering, Software Engineering, Data Bases, and others...

Publication of papers:

- Proceedings of ICAS2016: published in *IOP Conference Series: Materials Science and Engineering vol. 163* (2017)
- Proceedings of ICAS2015: published in *IOP Conference Series: Materials Science and Engineering vol. 106* (2016), indexed by Thomson Reuters - Web of Sciences and Scopus
- Proceedings of ICAS2014: published in *IOP Conference Series: Materials Science and Engineering vol. 85* (2015), indexed by Thomson Reuters - Web of Sciences and Scopus
- Proceedings of ICAS2013: published in *IOP Conference Series: Materials Science and Engineering vol. 57* (2014), indexed by Thomson Reuters - Web of Sciences and Scopus .



## The International Colloquium on Stability and Ductility of Steel Structures – SDSS 2016

30 May - 01 June, 2016, Timisoara, Romania

**Organizer:** Politehnica University Timișoara, Department of Steel Structures and Structural Mechanics

<http://www.ct.upt.ro/sdss2016/>

The 2016 edition of SDSS is jointly organized by the Politehnica University of Timisoara, Department of Steel Structures and Structural Mechanics in co-operation with the Romanian Academy - Timisoara Branch, with the support of the European Convention of Constructional Steelwork (ECCS), through the Structural Stability Technical Committee (TC8), and the Structural Stability Research Council (SSRC, USA).

Since the revision of structural Eurocodes has been already started in Europe, and both stability and ductility of steel structures issues are on the desk of the drafters, this event enables the exchange of knowledge and experience in the field and the debate around the best solutions offered, and is therefore a useful opportunity for all the participants.

270 authors from 26 countries on 5 continents are contributing with 115 scientific papers and 4 Keynote Lectures, covering 9 topics, i.e.

1. Advanced structural design;
2. Connections;
3. Lightweight steel constructions;
4. Members' behaviour: tension, compression, beams, beam-columns;

5. Plate, shell and space structures;
6. Robustness;
7. Seismic-resistant structures;
8. Steel-concrete composite members and structures;
9. Tubular constructions.

The Proceedings edited by Dan DUBINA and Viorel UNGUREANU, containing 1006 pages, have been published by CMM – Associação Portuguesa de Construção Metálica e Mista and Ernst and Sohn and Wiley Company. The Proceedings was available to all registered participants at the Conference.



## Innovative Technologies for Joining Advanced Materials – TIMA 2016

2-3 June 2016, Timisoara, Romania

**Organizers:** National R&D Institute for Welding and Material Testing - ISIM Timisoara  
Politehnica University of Timisoara, Department of Materials and Manufacturing Engineering  
Romanian Academy for Technical Sciences - Timisoara Subsidiary

<http://isim.ro/tima/index.htm>

Conference aims to provide a platform for useful interaction on actual problems in the field of joining and testing procedures of advanced materials.

Topics:

- New joining technologies
- Coatings: advanced materials & innovative technologies
- Modelling and simulation of welding and allied processes
- Specific problems in advanced materials joining
- Quality of welded joints and welded structures.

Publication of papers

<http://www.scientific.net/AMR>



MTM & Robotics 2016



## MTM & Robotics 2016

The Joint International Conference of the XII International Conference on Mechanisms and Mechanical Transmissions (MTM) and the XXIII International Conference on Robotics (Robotics'16)

26-27 October 2016, Aachen, Germany

**Organizers:** RWTH Aachen University, Department of Mechanism Theory and Dynamics of Machines  
Politehnica University of Timișoara, Department of Mechatronics

<http://www.mtm-robotics-2016.igm.rwth-aachen.de/index.php?id=start>

- MTM & Robotics is currently an international joint conference, which reunited and brought to international level two Romanian conferences: MTM and Robotics. MTM, the Romanian acronym for Mechanisms and Mechanical Transmissions is the name of a traditional conference, organized each four years since 1972 by the Mechatronics Department (former Machine elements and mechanisms chair) within the University Politehnica of Timișoara. The last joint conference MTM & Robotics 2016 was organized by the University RWTH Aachen, Germany in partnership with the University Politehnica of Timișoara, Romania and held at RWTH Aachen. The event was supported by IFToMM Germany, the Romanian Association for Theory of Machines and Mechanisms and the Robotics Society of Romania.
- The scientific committee, consisting of prestigious personalities from all over the world, accepted 48 contributions from more than 150 authors from 12 countries in Europe, America and Asia. The scientific contributions were printed at Springer Publishers, as a volume in the prestigious series Mechanisms and Machine Science (<http://www.springer.com/gp/book/9783319454498>).



## The 12<sup>th</sup> International Symposium on Electronics and Telecommunications (ISETC16)

27-28 October 2016, Timișoara, Romania

**Organizer:** Politehnica University of Timișoara, Faculty of Electronics and Telecommunications

<http://conference.etc.upt.ro/isetc2016/>

ISETC 2016 will bring together members from academia and industry to present their achievements in electronics and telecommunications. The symposium is organized by the Faculty of Electronics and Telecommunications (Politehnica University Timișoara) and the Association of Electrical Engineers from Timișoara;

### Topics:

Communications – Applications – 8 papers  
 Communications – Software – 6 papers  
 Communications – Networks – 6 papers  
 Signal processing – New Implementation – 5 papers  
 Automotive – Modeling simulation and testing – 8 papers  
 Electronic Circuits – 8 papers  
 Computational Intelligence, Power Electronics and Robotics – 10 papers  
 Signal processing – Innovative ideas – 6 papers  
 Modern Satellite Image Processing Methods – 5 papers  
 3D Image Processing – 7 papers  
 Educations – New Challenges in engineering education – 9 papers

### Published papers by:

- IEEE Xplore
- ISI WEB of Knowledge
- Proceedings of 12th International Symposium on Electronics and Telecommunications



## The 25<sup>th</sup> International Conference NOISE AND VIBRATION - 25 ICNV

27-29 October 2016, Niš, Serbia

**Co-organizers:** University of Niš, Faculty of Occupational Safety and Acoustics

Politehnica University of Timisoara, Vibration Laboratory

<http://www.znrfak.ni.ac.rs/SERBIAN/021-KONFERENCIJE/NOISE%202016/Index.html>

- The main objective of this Conference is to provide an international forum for advanced scientific knowledge on noise and vibration.
- The conference is organised under the auspices of the Ministry of Education and Science of the Republic of Serbia.

Major topics of interest:

- Noise generation and propagation
- Vibration generation & propagation
- Vibration control
- Noise control
- Environmental noise
- Effect of noise and vibrations
- Analysis of noise and vibration