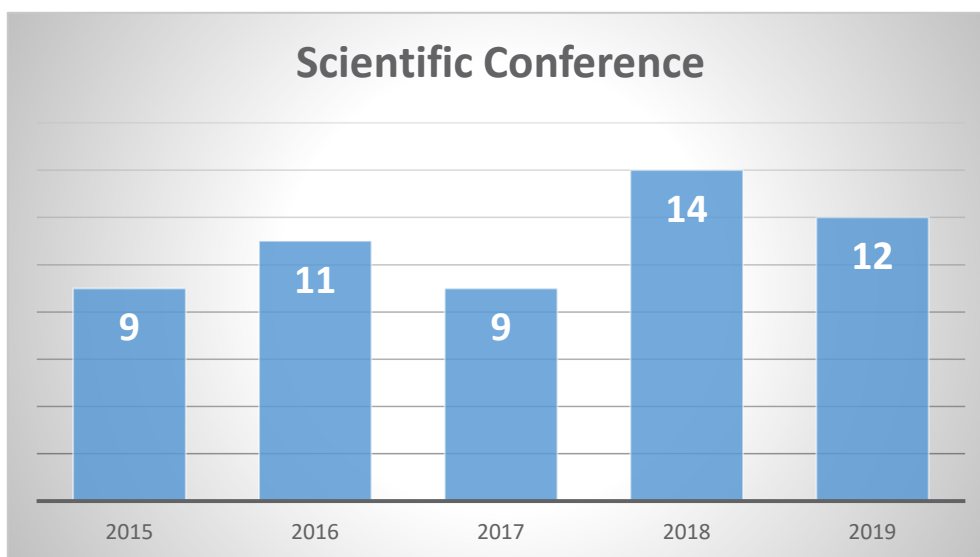


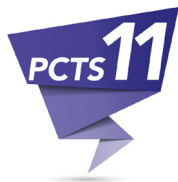
# SCIENTIFIC CONFERENCES



## EVOLUTION OF SCIENTIFIC CONFERENCES 2015 - 2019







## Professional Communication and Translation Studies: Language and Communication in the Digital Era: Challenges for Researchers, Teachers and Practitioners

April 4 - 5, 2019, Timișoara, Romania

**Organizer:** Department of Communication and Foreign Languages, Politehnica University Timisoara

<http://sc.upt.ro/ro/home-pcts>

The international conference Professional Communication and Translation Studies has been organized by the Department of Communication and Foreign Languages since 2001. The conference aims to develop the exchange of ideas on the following topics:

- Communication and public relations: theoretical and didactic problems and solutions
- Linguistic insights into professional communication
- Translation theory and translation didactics: their roles in communication
- Foreign language teaching

Publication of papers: Professional Communication and Translation Studies (ISSN 2065-099X) is an international peer-reviewed conference proceedings published annually in one volume. The proceedings include selected papers presented at the International Conference on Professional Communication and Translation Studies and are divided into four main sections.

Professional Communication and Translation Studies is published by the Department of Communication and Foreign Languages, Politehnica University of Timisoara, Romania, and is included in the following databases: CEEOL, EBSCO – Communication and mass media complete, Index Copernicus, Google Scholar, MLA, ULRICH'S, Scipio and WorldCat.

Open Access Policy: Professional Communication and Translation Studies provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge. Professional Communication and Translation Studies is an Open Access journal which means that its entire electronic content is freely available without charge to the user or his/her institution. Users are allowed to read, download, copy, distribute, print, search, or link to the full texts of the articles, or use them for any other lawful purpose, without asking prior permission from the publisher or the author. This is in accordance with the BOAI definition of Open Access.



## Building Services and Environmental Comfort (ICCA 2019)

April 12, 2019, Timișoara, Romania

**Organizers:** AIIR – Romanian Association of Building Services;  
Politehnica University Timișoara – Civil Engineering and Installations Department;  
in association with REHVA, Danube ASHRAE Chapter, Research Center of Installations,  
Electrical Installations and Automation Society Romania

<http://www.aiir-timisoara.ro>

The Future, being a concern for everyone, led to the organization of the 28-th Conference “Building Services and Environmental Comfort” with theme “Contribution of specialized young people to construction installation” to be dedicated to those who “come” to future specialists-today students of all degrees-from country and abroad. Have published in volume of works, students, master students and PhD students as sole authors. Professors were be nominated as coordinators rather than authors.

The essential issues of human existence, such as environmental protection, energy consumption reduction, environmental comfort, are found in the 23 papers of the conference volume as well as in the 14 scientific papers presented by the country's specialists and foreigners in the plenary.

Topics: ambient comfort, environmental protection, HVAC systems, energy efficiency, renewable energy, natural resources, issues in facilities management and marketing.

At the conference proceedings have contributed 23 authors who addressed topics such as air and water quality, the use of unconventional energies (solar energy, wind energy, ground energy and energy of the environment), technical sustainability, but also the influence/importance of human action in contact with the environment. The young researchers concerns in close connection with the future work/activity, led to the elaboration of valuable works, with current themes and personal contributions to solve, gravitating in the fields of the primordial factors of life: air, water, heat, light, framing the perfect word “*Homo sanus in domo pulchra*”.

Published papers by: The volume consisting of the conference's papers was published by Politehnica Publishing (ISSN: 1842-9491).



## International Conference on Applied Sciences ICAS2019

May 9 - 11, 2019, Hunedoara, Romania

**Organizers:** Politehnica University Timișoara and Unieversity of Banja Luka in cooperation with Ministry for Scientific and Technological Development, Higher Education and Information Society of the Republic of Srpska, B&H Academy of Romanian Scientists Academy of Sciences and Arts of the Republic of Srpska, B&H Academy of Technical Sciences of Romania - Timisoara Branch General Association of Romanian Engineers - Hunedoara Branch and Association Universitaria Hunedoara  
<http://www.fih.upt.ro/v4/ICAS2019/>

The conference has been focused on several fields of application, operation and influence of the applied sciences and technologies on industry.

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

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

Proceedings of ICAS2019 have been published in *Journal of Physics: Conference Series* vol. 1426 (2020).

IEEE 13<sup>th</sup> International Symposium on Applied Computational Intelligence and Informatics

## SACI 2019 | May 29-31, 2019

IEEE 13<sup>th</sup> International Symposium on Applied Computational Intelligence and Informatics (SACI 2019)

May 29 - 31, 2019, Timișoara, Romania

**Organizers:** Óbuda University, Budapest, Hungary, Politehnica University Timișoara, IEEE Chapter of Systems, Many, and Cybernetics Society, Romania

<http://conf.uni-obuda.hu/saci2019/>

SACI 2019 has featured several kinds of presentations, including invited talks, contributed papers and posters. The outcome of SACI 2019 is a better understanding of some leading research areas, as already Computational Intelligence and Informatics have demonstrated.

SACI 2019 has welcomed papers on the following topics:

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



## “Acoustics and Vibration of Mechanical Structures” – AVMS-2019

May 30 - 31, 2019, Timisoara, Romania

- Organizers:** a) University Politehnica Timisoara – Acoustics and Vibration Laboratory  
 b) Romanian Academy, Branch of Timisoara  
 – Center for Fundamental and Advanced Technical Research  
 c) Romanian Acoustical Society  
 d) University of Nis, Serbia, Noise and Vibration Laboratory

[www.mec.upt.ro/meca/avms/main.php](http://www.mec.upt.ro/meca/avms/main.php)

AVMS-2017 Conference was intended to serve as a platform for researchers, engineers, academicians, as well as professionals from industry to present and discuss their latest research results in the field of noise and vibration.

### Topics:

- Noise and vibration control
- Noise and vibration generation and propagation
- Effects of noise and vibration
- Condition monitoring and vibration testing
- Nonlinear acoustics and vibration
- Analytical, numerical and experimental techniques for noise and vibration
- Modeling, prediction and simulations of noise and vibration
- Environmental and occupational noise and vibration
- Noise and vibration attenuators
- Regulations requirements and quality assurance systems related to acoustics/vibration
- Biomechanics and bioacoustics



## The IX International Conference “Industrial Engineering and Environmental Protection”

October 3 - 4, 2019, Zrenjanin, SERBIA

**Organizers:** University of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, SERBIA, in cooperation with partners: University Politehnica Timisoara, Faculty of Engineering, Hunedoara, ROMANIA, University “St. Kliment Ohridski”, Technical Faculty, Bitola, MACEDONIA, “Aurel Vlaicu” University of Arad, Faculty of Engineering, Arad, ROMANIA, University of East Sarajevo, Faculty of Mechanical Engineering East Sarajevo, BOSNIA & HERZEGOVINA and University of Giresun, Faculty of Engineering, Giresun, TURKEY

<http://www.tfzr.uns.ac.rs/iizs/>

### *Industrial Engineering*

- Mechanical Engineering
- Energetics And Process Technique
- Designing And Maintenance
- Oil And Gas Engineering

### *Environmental Engineering*

- Health And Environmental Protection
- Environmental Management
- Occupational Safety

### Publication of papers:

– Proceedings of INTERNATIONAL CONFERENCE INDUSTRIAL ENGINEERING AND ENVIRONMENTAL PROTECTION (9 ; 2019 ; Zrenjanin), ISBN 978-86-7672-324-9, published by University of Novi Sad, Technical Faculty “Mihajlo Pupin”, Zrenjanin, SERBIA (<http://www.tfzr.uns.ac.rs/iizs/files/IIZS%202019%20Proceedings.pdf>)

– Selected papers in ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, ISSN: 1584-2665, ISSN-L: 2601-2332, ISSN-L: 1584-2665, published by University Politehnica Timisoara, Faculty of Engineering, Hunedoara, ROMANIA, <http://annals.fih.upt.ro/>

– Selected papers in ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering, e-ISSN: 2067-3809, published by University Politehnica Timisoara, Faculty of Engineering, Hunedoara, ROMANIA, <http://acta.fih.upt.ro/>



## 23<sup>rd</sup> International Conference on System Theory, Control and Computing (ICSTCC 2019)

October 9 – 11, 2019, Sinaia, Romania

**Organizers:** Faculty of Automation and Computers, Department of Automation and Applied Informatics and Department of Computers and Information Technology of Politehnica University Timisoara; Faculty of Automation, Computers and Electronics of University of Craiova; Faculty of Automatic Control and Computer Engineering of Gheorghe Asachi Technical University of Iasi; Faculty of Control Systems, Computers, Electrical and Electronics Engineering of “Dunarea de Jos” University of Galati

<http://stcc2019.cs.upt.ro/>

ICSTCC 2019 has featured several kinds of presentations, including invited talks, contributed papers, posters and special sessions. The outcome of ICSTCC 2019 is a better understanding of some leading research areas, as already System Theory, Control and Computing have demonstrated.

ICSTCC 2019 has welcomed papers on the following topics:

- Automation and Robotics: Linear and Nonlinear Control System Design, System Identification and Process Modeling, Robust and Adaptive Control, Robotics and Intelligent Control, Applications and Case Studies in Automation and Robotics, Embedded Systems;
- Computer Science and Engineering: Distributed Systems and Software Engineering, Databases, Systems of Programs and Expert Systems, Web services, Internet Security, Software Tools and Methods, Grid Computing, Artificial Intelligence, Computer Architectures;
- Electronics and Instrumentation: Modeling, Simulation and CAD Tools, Signal Processing and Communication Systems, Linear and Nonlinear Circuits and Systems, Evolutionary Electronics.

Publication of papers:

IEEE Xplore Digital Library, please visit <http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=ICSTCC%202019>



## 10<sup>th</sup> International Conference on Speech Technology and Human-Computer Dialogue - SpeD-2019

October 10 – 12, 2019, Timișoara, Romania

**Organizers:** University POLITEHNICA of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Politehnica University Timisoara, Faculty of Electronics, Telecommunications and Information Technologies, Institute for Computer Science – Romanian Academy, Iași Branch, Research Institute for Artificial Intelligence “Mihai Drăganescu” – Romanian Academy, Bucharest, **Under the Aegis of** Romanian Academy – Section of Information Science and Technology,

**Technical sponsorship:** IEEE and The European Association for Signal and Image Processing (EURASIP), <https://sped.pub.ro/>

“SpeD 2019” celebrates its 10th edition by extending the topics of interest from spoken language technology and human-computer dialogue towards broader, related domains: multimodal signal processing, biosecurity, human-robot interaction and embedded systems. Furthermore, “SpeD 2019” conference and international forum reflected some of the latest tendencies in machine learning for audio, speech, image and multimodal information processing, biometrics and security for IoT, intelligent robots and embedded systems. **Topics:** Speech Analysis, Representation and Models, Spoken Language Recognition and Understanding, Computational Resource Constrained Speech Recognition, Text-to-Speech Synthesis, Speech-to-Speech Translation, Affective Speech Recognition, Interpretation and Synthesis, Speaker Identification and Diarization, Neural Networks and Deep Learning for Speech and Speaker Recognition, Speech Enhancement, Natural Language Processing, Speech and Language Resources – Data Collection, Transcription and Annotation, Spoken Dialogue Systems, Speech Interface Design and Human Factors Engineering, Human-Computer Interaction, Speech Disorders and Voice Pathologies, Educational / Healthcare Applications, Assistive Technologies, Forensic Speech Investigations and Security Systems, Speaker Recognition in Biometric Systems and Security, Biosecurity in Man-Machine Interfaces, IoT Security, Speech Emotion Recognition – Technologies and Applications, Speech Interface Implementation for Embedded / Network-Based Applications, Audio-Visual Speech Processing, Multimodal Information Retrieval, Multivariate Information Analysis, Applications for Multimodal and Multimedia Processing, Compressed Sensing (for Speech and/or Image Processing), Intelligent Robots and Human-Robot Interaction, Cyber-physical Systems, Machine Learning Applications for Embedded Systems, Applications of Modeling, Simulation and Verification in Automotive.

Publication of papers: The series of “SpeD” conferences is sponsored by IEEE and EURASIP. As all previous editions since 2009, “SpeD 2019” Proceedings will be indexed by the IEEE Xplore and by Thomson Conference Proceedings Citation Index.





## The 9<sup>th</sup> International Conference on Energy and Environment CIEM 2019

October 17 - 18, 2019, Timișoara, Romania

**Organizers:** The Academy of Romanian Scientists,  
University POLITEHNICA of Bucharest,  
Politehnica University Timisoara,

in partnership with

World Energy Council – Romanian National Committee.

<http://ciem.energy.pub.ro/>

The aims of CIEM is to respond to challenges in the rapidly developing fields of Power Engineering and Environmental Engineering, and to inspire both research studies and practical applications by promoting interaction among scientists from universities, research institutions, and industry. Like the previous events, the conference will provide an ideal venue for the development of new partnerships. Therefore companies, institutes and universities are invited to participate to CIEM 2019!

Topics:

- Environmental Impact,
- Smart Cities,
- Renewable Energies,
- Hydro Power Engineering,
- Nuclear Power Engineering,
- Power Systems & Smart Grids,
- Energy Efficiency,
- Fluid Mechanics and Applications,
- Fossil Fuels Clean Technologies,
- Digitalization in Energy Systems.

Published papers by: All presented papers will be submitted for publication in IEEE Xplore and for indexing in ISI Web of Science and SCOPUS.



## Circular economy in the water sector

October 17 - 19, 2019, Timișoara, Romania

**Organizers:** Aquademica,  
Aquatim Water Company,  
Romanian Water Association,  
Politehnica University Timișoara

<http://conferinta.aquademica.ro/>

The conference will focus on catalyzing and involving stakeholders in the implementation of circular economy measures in the water sector. In recent years, increasing the water scarcity due to urbanization or climate change, has sometimes forced water companies to take measures to rationalize consumption or to supply water according to a schedule.

This practice, however, influences living standards, especially in large cities.

New ideas and innovations are therefore welcomed in the arena of the water sector.

Publication of papers:

Scientific Bulletin of the POLITEHNICA University of Timisoara



## SIM 2019 : 15<sup>th</sup> International Symposium in Management

October 25 - 26, 2019, Timisoara, Romania

**Organizers:** Politehnica University Timișoara ,  
West University of Timișoara

<http://sim2019.eu/>

The conference aims to bring together academics, professionals, and students in order to discuss the challenges that management had to deal with during the economic crisis and with which it has been dealing with ever since. Our purpose is to address specific questions, such as the role of management in a rapidly-changing environment, the key management problems that must be addressed and solved using particular methods and techniques, while considering the threats and opportunities that appear in this dynamic period of time.

Conference topics:

- management of innovation,
- business process management,
- entrepreneurship and innovation,
- financial management and financial governance,
- strategic management,
- change management,
- supply chain and operations management,
- sustainable management,
- the economics of small and medium-sized enterprises,
- third sector organisations management.

Published papers by:

The accepted papers will be published by Springer Proceedings in Business and Economics (ISSN: 2198-7246).

The publication is currently in process and the publisher expects the papers to be published by April 2020.

## The XXI Symposium

Young People and  
Multidisciplinary Research

1SYPMR 2019

Romania - Serbia - Hungary

## The XXI<sup>st</sup> Symposium "Young People and Multidisciplinary Research"

November 21 - 22, 2019, Timișoara, Romania

**Organizers:** Association for Multidisciplinary Research (ACM-V),  
POLITEHNICA University Timisoara (UPT),  
Academy of Romanian Scientists (AOSR)

[www.acmv.ro](http://www.acmv.ro)

Papers in Plenary Session are related to the topic:

„Priorities of the European Scientific Research”

Papers in sections on the following topics:

- Section A – Technical Sciences
- Section B – Chemistry, Agriculture
- Section C – Social-Human Sciences

The aim of the Symposium is to create the framework for the presentation, debate and publication of the valuable scientific results obtained by both the young members of ACM-V and from other countries (Hungary, Serbia, Moldova, Turkey, Irak, Germany and France, on this edition)

Publication of papers:

Proceedings of the XXI<sup>st</sup> Symposium "Young People and Multidisciplinary Research", POLITEHNICA Publishing House, ISSN 1843-6609, on CD, edited by the organizers.