



**UNIVERSITY OF PETROȘANI
ROMANIA**

CALL FOR PAPERS



**The 7th INTERNATIONAL
MULTIDISCIPLINARY SYMPOSIUM**

„UNIVERSITARIA SIMPRO 2016”

**„SUSTAINABLE DEVELOPMENT THROUGH QUALITY AND
INNOVATION IN ENGINEERING AND RESEARCH”**

**152 years of High –Level Mining Education in Romania
68 years of High – Level Mining Education in Petroșani
67 years since the foundation of NIRD INSEMEX Petroșani**

MAIN CO-ORGANIZER



INCD-I.N.S.E.M.E.X. Petroșani, Romania

**2016, October the 14th – 15th
PETROȘANI, ROMANIA**

**NEW:
SCOPUS
INDEXED**

<http://www.upet.ro/simpro/2016/>



ORGANISING COMITTEE

General Chairman: **Sorin Mihai RADU, Rector of University of Petroșani, ROMANIA**

Executive Chairman: **Roland MORARU, ROMANIA**

Co-chairs: **Codruta DURA, ROMANIA**

George Arthur GĂMAN, ROMANIA

Eduard EDELHAUSER, ROMANIA

Members:

Imola DRIGĂ, ROMANIA

Iosif DUMITRESCU, ROMANIA

Ion DOȘA, ROMANIA

Andreea Cristina IONICĂ, ROMANIA

Mihaela TODERAȘ, ROMANIA

Maria DOBRIȚOIU, ROMANIA

*The technical organization of the symposium is also supported by the national and local committee, coordinated by **Gabriel PRAPORGESCU** and **Remus DOBRA***

INTERNATIONAL SCIENTIFIC COMITEE

Jean-Jacques WAGNER, IUT de Belfort-Montbéliard, FRANCE

Taiar REDHA, Université de Reims-Champagne, FRANCE

Carsten DREBENSTEDT, TU Bergakademie, Freiberg, GERMANY

Dumitru ȚUCU, Universitatea "POLITEHNICA" Timișoara, ROMANIA

Monika HARDYGÓRA, Politechnika Wroclawska, POLAND

Marco RAGAZZI, Università degli Studi di Trento, ITALY

Vincenzo TORETTA, Università dell'Insubria di Varese ITALY

Janusz GRABARA, Czestochowa University of Technology, POLAND

Abd alBadi Mohammed Mahmoud Salem, AinShams University, Cairo, EGYPT

Constantin LUPU, NIRD-INSEMEX Petroșani, ROMANIA

Emilian GHICIOI, NIRD-INSEMEX Petroșani, ROMANIA

Doru DARABONT, NIRD-INCDPM Bucharest, ROMANIA

Lucian-Ionel CIOCA, "Lucian Blaga" University of Sibiu, ROMANIA

Radian G. BELU, University of Alaska, Anchorage, U.S.A.

Elena Cristina RADA, Università degli Studi di Trento, ITALY

Biplap Xanthi SENGUPTA, Indian Institute of Technology, INDIA

Achim MOISE, "1 Decembrie 1918" University of Alba-Iulia, ROMANIA

Amir CAUSEVIC, University of Sarajevo, BOSNIA-HERZEGOVINA

Daniel BREAZ, "1 Decembrie 1918" University of Alba-Iulia, ROMANIA

Claudiu KIFOR, "Lucian Blaga" University of Sibiu, ROMANIA

Mihai Pascu COLOJA, University of Oil and Gasses, Ploiești, ROMANIA

Sonia PAVLOVICI-VESELINOVICI, University of Niš, SERBIA

Lavinia Elisabeta POP, Universitatea Eftimie Murgu, Reșița, ROMANIA

Semion SHKUNDIN, Universty NITU "MISIS" Moscova, RUSSIA

Omar LANCHAVA, Georgian Technical University, GEORGIA

Janusz RES, AGH University of Science and Technology, POLAND

Mai Britt E. Mørk, Norwegian University of Science and Technology, Trondheim, NORWAY

József MOLNÁR, University of Miskolc, HUNGARY

Gábor Ladányi, University of Miskolc, HUNGARY

Teodor IFTIMIE, UTC București, ROMANIA

Lyuben Totev, University of Mining and Geology "Ivan Rilski", Sofia, BULGARIA

Predrag DASIC, High Technical Mechanical School of Professional Studies Trstenik, SERBIA

Umer ASGHER, National Institute of Science and Technology, Islamabad, PAKISTAN

ADVISORY BOARD

Dorel ZUGRAVESCU, ROMANIA

Nicolae DIMA, ROMANIA

Emil POP, ROMANIA

Iozsef KOVACS, ROMANIA

Iosif Romulus SARBU, ROMANIA

Nicolae ILIAS, ROMANIA

Dumitru FODOR, ROMANIA

Mircea GEORGESCU, ROMANIA

Andrei MAGYARI, ROMANIA

SYMPOSIUM SECRETARIAT

Dragoș PĂSCULESCU Rareș MUNTEANU Lorand BOGDANFFY Loredana CRISTEA

<http://www.upet.ro/simpro/2016/>

AIM AND SCOPE

The Symposium is established to disseminate significant research results, technical and methodological applications, case studies, and surveys concerned with the main and subsequent topics. The Symposium is intended to bring together, in one place, developments of interest to both researchers and practitioners, so that participants may have the opportunity to know more about research activities on national and international level.

We are very pleased to cordially invite all the scientists, researchers, managers, engineers and Ph.D. students to actively participate at "**UNIVERSITARIA SIMPRO 2016**" and to give their scientific contribution to the success of this scientific event with the theme **„Sustainable Development through Quality and Innovation in Engineering and Research”**! It will be an outstanding opportunity to meet and exchange new ideas, to have fruitful and interesting professional discussions besides getting in touch with an old mining town, placed in the picturesque Jiu Valley. We hope that we will turn our meeting into a remarkable scientific success, which will enrich our professional expertise and will bring us wonderful remembrances.

TOPICS OF INTEREST

The Symposium will be held under the theme of *„Sustainable Development through Quality and Innovation in Engineering and Research”* and would strive to maintain a balance between research and applications. Topics include, but are not limited to the following:

1. *Advances in safety science and environmental engineering*
2. *Sustainable mining engineering and surveying*
3. *Challenges in geology, rock mechanics, geotechnics and geotechnical applications*
4. *Achievements in electrical engineering and energetics*
5. *Development and innovation in system control and computer engineering*
6. *Industrial and mechanical engineering and transportation*
7. *Applied mathematics, informatics and physics*
8. *Improvements in business, economics and public administration*
9. *Quality concerns for management and marketing*
10. *Social sciences and Humanities: Social sciences and Humanities (Social Work, Sociology, Languages)*
11. *Education engineering, pedagogy, sustainable development and interdisciplinary studies*

IMPORTANT DATES

The authors are kindly invited to submit their papers according to the following deadlines:

Submission of ABSTRACT in English:	01 July 2016
Notification of the acceptance:	15 July 2016
Submission of full- paper :	01 September 2016
Notification of paper acceptance	08 September 2015
Latest day for payment of registration fee:	15 September 2016
Preliminary program due:	01 October 2016

<http://www.upet.ro/simpro/2016/>

REGISTRATION FEES

EARLY BIRD REGISTRATION		REGULAR REGISTRATION	
Registration fee paid before 15.09.2016		Registration fee paid after 15.09.2016, but no later than 25.09.2016	
60	€ / Paper / Attendant	80	€ / Paper / Attendant
40	€ / Paper / Attending PhD. Student	60	€ / Paper / Attending PhD. Student
40	€ / Paper (Publication only)	60	€ / Paper (Publication only)
25	€ / Accompanying person	35	€ / Accompanying person

Registration fee includes: reception, participation in the symposium, symposium proceedings and additional materials, coffee breaks, buffet dinners, gala dinner (traditional Romanian).

Not included: transportation and accommodation costs; costs related to the additional program

NOTE. Registration fee can be paid in one of the following bank accounts:

For Lei: IBAN **RO81TREZ36820F330500XXXX** , Trezoreria Petrosani, cod fiscal: **4374849** mentioning: **“for SIMPRO 2016-Nume Prenume”**.

For Euro: IBAN **RO63RNCB0165020175210001**, Bank: **BCR Petrosani**, VAT no. **4374849**, BIC **RNCBROBU**, M. Viteazu, nr. 4, Petrosani, mentioning **“for SIMPRO 2016-First name-Family name”**

A copy of the payment proof will be sent to simpro@upet.ro

PAPER SUBMISSION AND PUBLICATION

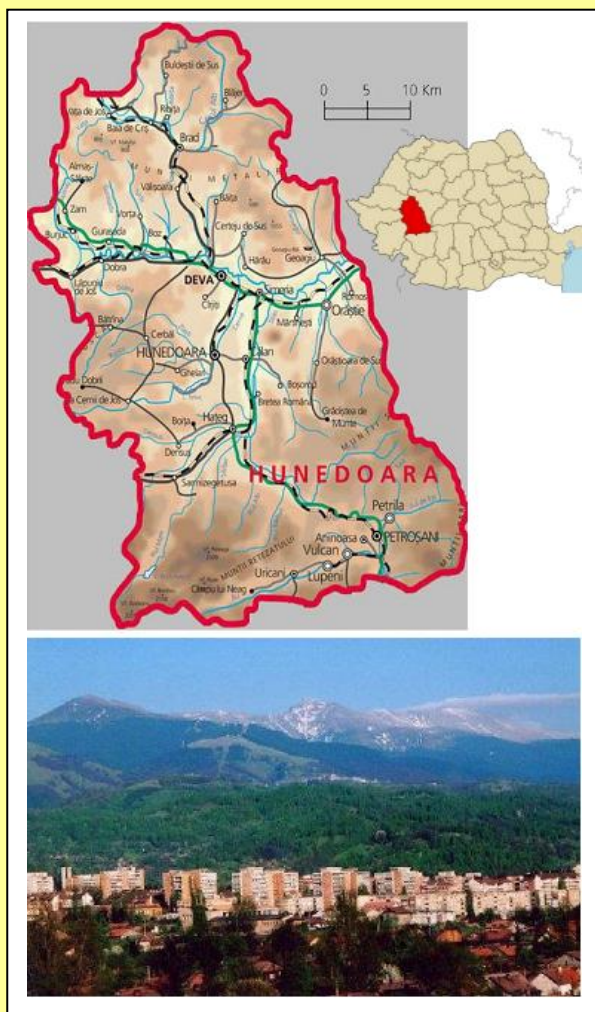
SIMPRO 2016 especially encourages submissions on innovative and visionary new concepts or directions.

The papers should be the written **in English**. Contributions to SIMPRO 2016 should include only original, unpublished papers. The length of any papers is recommended to be 4 or 6 pages and it should not exceed 6 pages. All the submitted papers **MUST** be prepared with the SIMPRO 2016 paper template, and the papers **MUST** be submitted electronically in PDF format via the EasyChair submission site. **A Word "doc" version will be sent to** simpro@upet.ro , also until 01 September 2016.

IMPORTANT: Accepted papers will be published in the Symposium e-Proceedings with ISSN and **100 (one hundred) selected papers in a dedicated issue from January 2017 of the SCOPUS indexed journal „Quality-Access to success”** (also indexed in EBSCO, CABELL’S and PROQUEST databases). The articles exceeding the previously mentioned number of 100, will still be published in the **Annals of the University of Petrosani Series** and **Mining Revue Journal**, both of them indexed in acknowledged international databases (SCIPIO; RePEc; EconPapers; IDEAS; D.O.A.J.; EBSCO Publishing Inc.; Cabell’s; IndexCopernicus Journals Master List; ICAAP; SOCIONET; Genamics JournalSeek; Electronic Journals Index (SJSU); Academic Journals Database; EuroInternet (The World Wide Web Virtual Library for European Integration); PROQUEST, CABELL’S.)

VENUE

City of Petroșani is placed in southern part of Hunedoara county, at 330 km far away from Bucharest. It has about 42,700 inhabitants and it is placed at altitude of 620 m, in the most important hardcoal basin from Romania, where the mining activity began in 1840. The closest national airports are at Timisoara and Sibiu.



UNIVERSITY OF PETROȘANI
University str. No. 20
RO 332006 PETROȘANI
ROMANIA



CONTACT ADDRESS : **Roland Iosif MORARU**

UNIVERSITY OF PETROȘANI Str.Universitatii, nr. 20
 332006 Petroșani, Jud. Hunedoara

ROMANIA <http://www.upet.ro/simpro/2016/>

E-mail: simpro@upet.ro Tel: 0040 723.62.41.05;

Fax: 0040 254.54.34.91;