



Deadline for full papers: 30.10.2019

FEES: Participants: 250 LEI / 2 papers

Additional papers: 50 LEI / paper

PhD students: 100 LEI / paper

Accompanying persons: 100 LEI / person

Sight-seeing program: 150 LEI / person

Conference site:

<https://sites.google.com/view/comatcomec/home>



TOPICS

- ☐ Mechanics of Solids
- ☐ Calculus Methods in Mechanics of Solids
- ☐ Advanced Mechanics in Robotics;
- ☐ Tribology and Micro-Nano Systems;
- ☐ Optimal Design of the Mechanical Systems.
- ☐ Acoustics and Vibrations
- ☐ Indoor ambient acoustics;
- ☐ Acoustics systems of road, air and rail
- ☐ Vibrations of structural systems
- ☐ Mechanical vibrations of technological equipment
- ☐ Isolation and dissipation systems for seismic actions on buildings, bridges and viaducts
- ☐ Mathematical Modelling in Mechanics of Solids.
- ☐ Experimental Methods involved in validation of Computational Methods
- ☐ Finite Element Method, Boundary Element Methods, Mesh less Methods, Multiscale Methods, Optimization Methods and Sensitivities, Discretization Methods, Mathematical Foundations, High Performance Computing, Inverse Problem, Visualization;
- ☐ Experimental Methods involved in Computational Solid Mechanics (Material Modelling, Finite Deformations and Localization, Micromechanics and Multiscale Modelling, Nanomechanics, Nonlinear Analysis of Structures, Multibody Dynamics and Robotics, Composite Structures, Structural Optimization);
- ☐ Experimental Methods applied in Composites Materials and Industrial Engineering Applications;
- ☐ Experimental Methods applied in Biomechanics (Biosolid Modelling, Modelling of Biofluids, Multiscale Modelling, Medical Imaging and Modelling, Medical Applications);
- ☐ General Engineering problems solved by mean of Classical and Modern Experimental Methods.
- ☐ Innovative structural systems;
- ☐ Sustainability and life-cycle
- ☐ Composite Materials and Application

CONTACT:

- E-mail: d-mec@unitbv.ro
- Phone. +40268/418992,



**The 43th International Conference
on MECHANICS OF SOLIDS
ICMS 2019**

**The 8th International Conference on
COMPUTATIONAL MECHANICS
AND VIRTUAL ENGINEERING
COMEC 2019**

**ICMS COMEC 2019
21-22 NOVEMBER 2019
BRAŞOV**



SCIENTIFIC COMMITTEE

CHAIRMAN:

- **Mohamed OTHMAN**, Prof.Dr.Department of Mathematics, University of Zagazig, Egypt

CO – CHAIRMAN:

- **Polidor BRATU**, Prof. Dr.Eng., member of the Technical Science Academy of Romania;

MEMBERS:

- **Marin MARIN**, Prof.PhD, Transylvania University of Braşov;
- **Costică ATANASIU**, Prof. PhD Eng. University Politehnica of Bucharest, Romania;
- **Tiberiu BABEU**, Prof.PhD Eng. member of the Romanian Technical Sciences Academy, Romania;
- **Manfred BAU**, Dipl.-Eng.PhD,Intales GmbH, Germany;
- **Sergiu BEJAN**, PhD Eng., Technical University of Moldavia, Chişinău, Republica Moldova;
- **Ruslan BORDOŞ**, PhD Eng., Technical University of Moldavia, Chişinău, Republica Moldova;
- **Paul Nicolae BORZA**, Prof. PhD Eng. Transylvania University of Braşov;
- **Ioan BURCĂ**, Assoc. Prof. PhD, University of Medicine Pharmacy Science and Technologies, Târgu-Mureş, Romania;
- **Veturia CHIROIU**, PhD „Academy Institute of Mechanics of Solid, Bucuresti, Romania;
- **Dan CONSTANTINESCU**, Prof. PhD Eng. Politehnica University of Bucharest, Romania;
- **Marius CRĂCIUN**, PhD, Ovidius University – Constanţa, Romania;
- **Carmen DEBELEAC**, PhD Eng., Dunărea de Jos University of Galaţi, Romania;
- **Michael DEDIU**, PhD , DERC Inc., USA;
- **Cornelia DOBRESCU**, PhD Eng. INCUB URBAN INCERC, Romania;
- **Nicolae ENESCU**, Prof. Dr. Eng., Politehnica University of Bucharest, Romania;
- **Károly JÁRMAI**, Prof. PhD hab. Eng., University of Miskolc, MTA, Hungary;
- **Reiner GILLICH**, Prof. PhD Eng., Univeristy Eftimie Murgu, Reşiţa;
- **Anton HADĂR**, Prof. PhD Eng. Politehnica University of Bucharest, Romania;
- **Nicolae HERIŞANU**, prof. dr. eng. Politehnica University of Timişoara, Romania;
- **Stanislav HOLÝ**, PhD, Prof. Techn. Univ. In Prague, Czech Republik;

- **Luděk HYNČÍK**, PhD. Eng., University of West Bohemia, Plzeň, Czech Republic;
- **Nicolae ILIESCU**, Prof. PhD Eng., Romanian Technical Sciences Academy, Romania;
- **László KALMÁR**, PhD, Prof., University of Miskolc, Hungary;
- **Mostafa KATOUIZIAN**, PhD Eng., Germany;
- **Eva KORMANIKOVÁ**, PhD , Prof. Techn. Univ. Košice, Slovakia;
- **Simona LACHE**, Prof. PhD Eng., Transylvania University of Braşov;
- **Adrian LEOPA**, PhD Eng. Dunărea de Jos University of Galaţi, Romania;
- **Tiberiu MĂNESCU**, Prof. PhD Eng. University of Reşiţa, member of the Romanian Tech.Sci. Academy, Romania;
- **Mircea MODIGA**, Prof. PhD Eng., University of Galaţi, Romanian Technical Sciences Academy, Romania;
- **Arina MODREA**, Assoc. Prof. PhD Eng, Petru Maior University, Targu-Mureş, Romania;
- **Ligia MUNTEANU**, PhD Mat. „Academy Institute of Mechanics of Solid, Bucureşti, Romania;
- **Silviu NĂSTAC**, PhD Eng., Dunărea de Jos University of Galaţi, Romania;
- **Vasile NĂSTĂSESCU**, Prof. PhD Eng., Military Technical Academy, Bucharest, Romanian Technical Sciences Academy;
- **Iuliu NEGREAN**, Prof. PhD Eng., Technical University of Cluj, Romania, Member of the Romanian Technical Sciences Academy;;
- **Constantin OPRAN**, Prof. PhD MSc. Eng., Univ.Politehnica of Bucharest;
- **Nicolae PANDREA**, Prof. PhD Eng., University of Piteşti, Member of the Romanian Technical Sciences Academy, Romania;
- **Carmine PAPPALETTERE**, Prof. PhD Eng., Politecnico di Bari, Italy;
- **Nicolae POSEA**, Prof. PhD Eng. UPG Ploiesti, Romania, Member of the Romanian Technical Sciences Academy;
- **Catalin Iulian PRUNCU**, PhD, Eng., University of Birmingham, Imperial College, United Kingdom;
- **Ramona PURCĂREA**, PhD Eng. Kronstadt German Professional School, Braşov;
- **Mircea RADES**, Prof. PhD Eng., Member of the Romanian Technical Sciences Academy;
- **Milan RŮŽIČKA**, PhD , Prof. Techn. Univ. In Prague, Czech Republik;
- **Liviu Dan STOICESCU**, Prof. PhD .h.c., Dunărea de Jos Universitz of Galaţi, Member of the Romanian Technical Sciences Academy;
- **Ioan SZÁVA**, Prof.PhD Eng., Transylvania of Braşov;
- **György SZEIDL**, Prof. PhD hab. Eng., University of Miskolc, MTA, Hungary;

- **Andrei VASILESCU**, Prof. PhD Eng., UTCB Bucuresti, Romania;
- **Sorin VLASE**, Prof. PhD Eng., Transylvania of Braşov;
- **Doru STĂNESCU**, Prof. PhD Eng., University of Piteşti;
- **Niitsu YASHUSI**, PhD. Eng. Tokyo Denky University, Japan.

ORGANIZER:

- ❑ **Sorin VLASE**, Prof.Dr. Eng. Math. Head of Department of Mechanics, Transilvania University of Braşov, corresp. member of the Romanian Technical Sciences Academy;
- ❑ **Ioan Călin ROŞCA**, Prof. Dr. Eng., Dean, Transilvania University of Braşov
- ❑ **Prof. Dr. Eng. Polidor BRATU**

LOCAL ORGANIZING COMMITTEE

- **Mihai ULEA**, Assoc.Prof.Dr.Eng.
- **Horaţiu TEODORESCU**, Prof.Dr.hab.
- **Luminiţa Maria SCUTARU**, Assoc.Prof.Dr.hab.
- **Mircea MIHĂLCICĂ**, Lect. Ph.D.
- **Violeta MUNTEANU**, Assist.Prof. Dr. Eng.
- **Violeta GUIMAN**, Assist.Prof.Dr.Eng.

SECRETARY:

- **Bianca CÂMPEAN**, M.Sc.Eng.;
- **Eliza CHIRCAN**, PhD student Eng.,

e-mail: d-mec@unitbv.ro

e-mail: svlase@unitbv.ro