



35th Danubia Adria Symposium on Advances in  
Experimental Mechanics  
[www.das2018.ro](http://www.das2018.ro)



## FIRST ANNOUNCEMENT / CALL FOR PAPERS

**DATES:** *25-28 September 2018*

**PLACE:** *Hotel International, Sinaia, ROMANIA*



## Organized by

Romanian Association for Stress Analysis — ARTENS

## In cooperation with

Central Travel



## Co-organized by

Austrian Society of Experimental Strain Analysis (ASESA)

Croatian Society of Mechanics (HDM)

Czech Society of Mechanics (CSM)

German Society of Experimental Structural Analysis (GESA)

Hungarian Scientific Society of Mechanical Engineering (GTE)

Italian Association for Stress Analysis (ALAS)

Polish Committee for Mechanics of the Polish Academy of Sciences (KMPAN)

Serbian Society of Mechanics (SSM)

Slovak Society of Mechanics (SSM)

Slovenian Society of Experimental Mechanics (SSEM)

## Scientific committee

Austria: Josef Eberhardsteiner (Vienna), Wilfried Eichlseder (Leoben), Bernhard Pichler (Vienna)

Croatia: Damir Semenski (Zagreb), Lovre Krstulović-Ōpara (Split)

Czech Republic: František Plánicka (Plzen), Milan Ružička (Prague)

Germany: Werner Daum (Berlin), Martin Stockmann (Chemnitz)

Hungary: Rita Kiss (Budapest), Attila Kossa (Budapest)

Italy: Francesca Cosmi (Trieste), Mario Guagliano (Milano)

Poland: Zbigniew Kowalewski (Warsaw), Paweł Pyrzanowski (Wrocław)

Romania: Dan Mihai Constantinescu (Bucharest), Ștefan Dan Pastramă (Bucharest)

Serbia: Marko Milos (Belgrade), Miroslav Živković (Kragujevac)

Slovakia: František Nový (Zilina), Eva Tillová (Zilina)

Slovenia: Igor Emri (Ljubljana), Anatoly Nikonov (Ljubljana)

## Honorary members

Rudolf Beer (Vienna), Ivo Alfirević (Zagreb), Stjepan Jecić (Zagreb), Stanislav Holý (Prague), Lajos Borbás (Budapest), Frigyes Thamm (Budapest), Alessandro Freddi (Bologna), Romuald Będziański (Zielona Góra), Nicolae Ilescu (Bucarest), Otakar Bokůvka (Zilina), Peter Palček (Zilina), Karl Heinz Laermann (Honorary associate, Wuppertal)

## Local organizing committee

Stefan Dan Pastrama, Dan Mihai Constantinescu, Dragos Apostol, Emil Nutu — Department of Strength of Materials, University Politehnica of Bucharest

e-mail: [stefan.pastrama@upb.ro](mailto:stefan.pastrama@upb.ro); [dan.constantinescu@upb.ro](mailto:dan.constantinescu@upb.ro)

## Symposium venue

Hotel International ★ ★ ★ ★

Avram Iancu Street, No. 1, 106100 Sinaia, Prahova county,  
Romania, <http://international-sinaia.ro>

### Prices:

75 € Single room standard with buffet breakfast

85 € Double room standard with buffet breakfast



## About the symposium

- The symposium will focus on experimental and measuring methods to expand the understanding of the behavior of materials, mechanical structures and systems, and to provide the necessary physical basic and verification for analytical and computational approaches to the development of engineering solutions.
- A special competition for students will be organized. Participation in the competition is open to all graduate and undergraduate students.
- The symposium will consist of oral and poster presentations
- A book of abstracts will be provided
- Selected contributions will be published after the symposium in Elsevier journal *Materials Today: Proceedings* - <https://www.journals.elsevier.com/materials-today-proceedings>
- Only papers presented at the symposium will be considered for further publication in *Materials Today: Proceedings*

## Topics

- Structural analysis: experimental tests, structural health monitoring, system identification, damage assessment, self-adaptive structures
- Materials characterization and testing: smart materials, time-dependent materials, residual stress, fatigue, fracture, creep
- Practical applications and case-studies
- Biomechanics: biomaterials, biomechanics, medical and orthopedic devices, biofluid mechanics
- Instrumentation: new sensors and actuators, advanced measurement systems; Validation and reliability of instrumentation
- Integration of mathematical/numerical methods with experimental mechanics; Validation
- Recent developments in international standardization and technical regulations

Faculty members, master and doctoral students, researchers, engineers and industrial experts are warmly invited to present and discuss the current status and impact of modern technologies and development in the field of experimental methods in mechanics.

## Key dates

- February 1<sup>st</sup> 2018** – Opening of abstract submission and registration  
**April 15<sup>th</sup> 2018** – Deadline for abstract submission  
**May, 10<sup>th</sup> 2018** – Notification of acceptance  
**July, 25<sup>th</sup> 2018** – Deadline for hotel reservation

## Symposium fees

**Full :** up to 01 September 2018 – **400 €** After 01 September 2018 – **450 €**

**Student/ Accompanying:** up to 01 September 2018 – **250 €** After 01 September 2018 – **300 €**

*All fees include VAT*

*Payment should be done before the symposium; cash payment on the spot is not possible.*

**Symposium fee includes:** Book of abstracts and other symposium materials, publication of the extended paper in Materials Today: Proceedings (after the symposium), welcome reception on 25.09, coffee breaks, three lunches, dinner on 26.09, visit to Peles Castle on 27.09 and gala dinner on 27.09.

**Accompanying person fee includes:** welcome reception on 25.09, three lunches, dinner on 26.09, visit to Peles Castle on 27.09, and gala dinner on 27.09. A visit to Cantacuzino Castle will be organized for accompanying persons on 26.09.

## Preliminary program

TIME	TUESDAY 25 SEPTEMBER	WEDNESDAY 26 SEPTEMBER	THURSDAY 27 SEPTEMBER	FRIDAY 28 SEPTEMBER
MORNING		SYMPOSIUM SESSIONS: ORAL AND POSTER PRESENTATIONS	VISIT AT PELES CASTLE	SYMPOSIUM SESSIONS: ORAL AND POSTER PRESENTATIONS
		LUNCH	LUNCH	LUNCH
AFTERNOON	REGISTRATION	SYMPOSIUM SESSIONS: ORAL AND POSTER PRESENTATIONS MEETING OF THE SCIENTIFIC COMMITTEE	SYMPOSIUM SESSIONS: ORAL AND POSTER PRESENTATIONS	
	WELCOME RECEPTION	DINNER	GALA DINNER	

## Accommodation

A number of rooms will be reserved at special rates in Hotel International and blocked up to 25 July 2018. After this date, reservations cannot be guaranteed anymore. For more details, please contact Central Travel at e-mail [laura@centraltravel.ro](mailto:laura@centraltravel.ro)

Sinaia offers many other possibilities of accommodation for those that would like to stay elsewhere.