



### The CMAS 2009 Secretariat

Mr.

Vladimír Kutíš, PhD.

FEI STU Bratislava

Ilkovičova 3

81219 BRATISLAVA - Slovakia

Tel.: +421 2 60291562

E-mail: [cmas2009@stuba.sk](mailto:cmas2009@stuba.sk)

## Location

The conference will take place at the  
Faculty of Electrical Engineering and Information Technology  
Slovak University of Technology in Bratislava, Slovak Republic

## Registration

The following fees apply:

Fee (€)	Early registration	Late registration
Participants	340 €	360 €
PhD. Students	170 €	180 €

Fee covers:

- book of abstracts
- proceedings on CD-ROM
- participation in all scientific sessions
- snacks and coffee breaks
- welcome reception and closing banquet
- an afternoon trip
- lunches

The lunches for participants will be organized at the conference place.

## Payment

Name and Branch of Bank: Všeobecná úverová banka, a.s.

Mlynské Nivy 1  
829 90 Bratislava

SWIFT Code:

SUBASKBX

IBAN Account Number:

SK26 8180 0000 0070 0008 5026

Account Name:

Slovenská technická univerzita v Bratislave  
Fakulta elektrotechniky a informatiky  
Vazovova 5  
812 43 Bratislava

Variable Symbol:

0322000109

Details of Payment:

(Fill in your Name and Surname)

## Language

The official language of the conference will be English. No simultaneous translations to or from other language will be provided. Papers will be both published and presented in English.

## Conference Secretariat

Vladimír Kutíš

Department of Mechanics

FEI STU Bratislava

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81219 Bratislava

Slovakia

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E-mail: [cmas2009@stuba.sk](mailto:cmas2009@stuba.sk)

More detailed information is available on the Conference home page:  
<http://aladin.elf.stuba.sk/cmas2009>



# CMAS 2009

International Conference on  
Computational Modelling and Advanced Simulations  
Bratislava, Slovakia, June 30-July 3, 2009

ECCOMAS Thematic Conference



Faculty of Electrical Engineering and  
Information Technology  
Slovak University of Technology Bratislava  
<http://aladin.elf.stuba.sk/cmas2009>

## International Conference on Computational Modelling and Advanced Simulations Bratislava, Slovakia, June 30-July 3, 2009

The organizers would be grateful if intending participations would, without obligation, complete and return this form by fax or surface mail.

I intend to present a paper with the tentative title:

Authors: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Code/City: \_\_\_\_\_

Country: \_\_\_\_\_

Title: \_\_\_\_\_ Name: \_\_\_\_\_ Surname: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

## Scientific Committee

- J. Murín, Slovak University of Technology, Slovakia, chairman  
[justin.murin@stuba.sk](mailto:justin.murin@stuba.sk)
- V. Kompiš, Academy of Armed Forces, Slovakia
- M. Žmíndák, University of Žilina, Slovakia
- V. Sládek, Slovak Academy of Sciences, Slovakia
- J. Sládek, Slovak Academy of Sciences, Slovakia
- E.N. Akimova, Ural Branch of Russian Academy of Sciences, Russia
- S.M. Aleynikov, Voronezh State Academy of Architecture and Construction, Voronezh, Russia
- H. Altenbach, Martin-Luther-Universität Halle Wittfengerg, Germany
- K.-J. Bathe, MIT Cambridge, USA
- J. Bocko, University of Technology, Košice, Slovakia
- J. Breza, Slovak University of Technology, Slovakia
- T. Burczynski, Silesian University of Technology at Gliwice, Poland
- C.S. Chen, University of Southern Mississippi, USA
- M. Dufko, University of Swansea, United Kingdom
- N.A. Dumont, Pontificia Universidade Católica do Rio de Janeiro-PUC-Rio, Brazil
- J. Eberhardsteiner, Technische Universität Wien, Austria
- P. Elesztős, Slovak University of Technology, Slovakia
- U. Gabbert, Otto von Guericke-University Magdeburg, Germany
- Z. Gaspar, Budapest University of Technology and Economics, Hungary
- E.J. Kansa, Embry/Riddle Aeronautical University, USA
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- Z. Knésl, Academy of Sciences, Czech Republic
- J. Korelc, University of Ljubljana, Slovenia
- V.A. Leitao, Instituto Superior Técnico, Portugal
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- H.A. Mang, Technische Universität Wien, Austria
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- E.J. Sapountzakis, National Technical University of Athens, Greece
- J. Soric, University of Zagreb, Croatia
- G. Szeidl, University of Miskolc, Hungary
- L. Škerget, University of Maribor, Slovenia
- J.A. Teixeira de Freitas, Instituto Superior Técnico, Portugal
- T. Tezduyar, Rice University, Houston, USA
- J. Vajda, Slovak University of Technology, Slovakia
- Z. Waszczyszyn, Cracow University of Technology, Poland
- W. L. Wendland, Universität Struttgart, Germany
- P. Wriggers, Universität Hannover, Germany
- J. Zapoměl, Technical University Ostrava, Czech Republic
- A.P. Zieliński, Cracow University of Technology, Poland
- Ch. Zhang, University of Siegen, Germany

## Objective

The Thematic Conference on Computational Modelling and Advanced Simulations will be focused on the newest advance in the area of Computational Modelling and Advanced Simulations.

## Organising committee

- V. Kutiš, Slovak University of Technology in Bratislava, chairman
- M. Žmíndák, University of Žilina
- R. Duriš, Slovak University of Technology in Bratislava
- R. Fric, Slovak University of Technology in Bratislava
- V. Goga, Slovak University of Technology in Bratislava

## Topics

- new progressive computational methods
- numerical and mathematical aspects
- modelling and analysis of composites and FGMs
- new effective and enhanced finite elements
- meshless and wavelet methods
- solution of coupled and multiphysics field problems
- multiscale computations
- modelling and simulation of micro- and nano-structures
- homogenization methods
- engineering applications
- computational material science
- computational inverse problem and optimization
- computational solid and structural mechanics
- computational electromagnetics and energetics
- computational damage, failure and fracture mechanics
- computational geomechanics
- computational biomechanics

## Important Dates

- January 20, 2009 Deadline for submission of abstract, (2 pages)
- February 20, 2009 Notification of acceptance
- April 20, 2009 Deadline for early payment and registration
- May 20, 2009 Deadline for submission of full paper
- June 15, 2009 Program

## Supporting Organisers and Sponsors

- Faculty of Electrical Engineering and Information Technology, Slovak University of Technology Bratislava
- Central European Association for Computational mechanics (CEACM)
- Slovak Society for Mechanics
- University of Žilina
- Academy of Armed Forces, Liptovský Mikuláš
- Institute of Construction and Architecture SAS Bratislava
- The Nuclear Power Plant Research Institute VÚJE a.s., Trnava
- Alumni Club FEI STU, Bratislava