

Technical University of Košice
Faculty of Mechanical Engineering

and

Branch Office of Slovak Metallurgical Society
at Faculty of Metallurgy of Technical University of Košice

on the occasion of the 60th establishment anniversary of
Faculty of Mechanical Engineering

under the auspices of the Rector of Technical University of
Košice

Dr.h.c. prof. Ing. Anton Čizmar, CSc.

organise the 4th international conference



Modelling of mechanical and mechatronic systems

Date and place of the conference:

September 20th – 22nd, 2011

Educational and training facility Herľany



Conference objectives

- modelling and simulation of mechanical, mechatronic and biomechanical systems,
- drafting of mechanical, mechatronic and biomechanical systems,
- experimental methods in mechanics, mechatronics and biomechanics.

Organisational Guarantor

prof. Ing. Alexander Gmitterko, PhD.
alexander.gmitterko@tuke.sk

International Scientific Committee

Dr.h.c. mult. prof. Ing. František Trebuňa, CSc., TU v KE, SJF, SK
prof. Ing. Alexander Gmitterko, PhD., TU v Košiciach, SJF, SK
prof. Ing. František Šimčák, CSc., TU v Košiciach, SJF, SK
prof. Ing. Peter Bigoš, CSc., TU v Košiciach, SJF, SK
prof. Ing. Marián Buršák, PhD., TU v Košiciach, HF, SK
doc. Ing. Jozef Bocko, PhD., TU v Košiciach, SJF, SK
doc. Ing. Michal Kelemen, PhD., TU v Košiciach, SJF, SK
doc. Ing. Oskar Ostertag, PhD., TU v Košiciach, SJF, SK
prof. Ing. Juraj Smrček, PhD., TU v Košiciach, SJF, SK
prof. Ing. Tomáš Saloky, CSc., TU v Košiciach, SJF, SK
Dr.h.c. prof. Ing. Jozef Živčák, PhD., TU v Košiciach, SJF, SK
Dr.h.c. mult. prof. Ing. Juraj Sinay, DrSc., TU v Košiciach, SJF, SK
Dr.h.c. prof. Ing. Miroslav Badida, PhD., TU v Košiciach, SJF, SK
prof. Ing. Ervin Lumtizer, PhD., TU v Košiciach, SJF, SK
prof. Ing. Milan Kováč, DrSc., TU v Košiciach, SJF, SK
prof. Ing. Jozef Kováč, CSc., TU v Košiciach, SJF, SK
prof. Ing. Mikuláš Hajduk, PhD., TU v Košiciach, SJF, SK
prof. Ing. Peter Demeč, CSc., TU v Košiciach, SJF, SK
prof. Ing. Dušan Šimšík, CSc., TU v Košiciach, SJF, SK
prof. Ing. Mária Čarnogurská, CSc., TU v Košiciach, SJF, SK
prof. Ing. Ildikó Maňková, CSc., TU v Košiciach, SJF, SK
prof. Ing. Emil Spišák, CSc., TU v Košiciach, SJF, SK
prof. Ing. Peter Horbaj, PhD., TU v Košiciach, SJF, SK
prof. Ing. Jaroslav Homišin, CSc., TU v Košiciach, SJF, SK
prof. Ing. Ján Vittek, CSc. – ŽU, FE v Žiline, SK
Dr.h.c. mult. prof. Ing. Antonín Víteček, CSc. VŠB TU Ostrava, CZ
prof. Dr. Ing. Vladimír Mostýn, VSB TU Ostrava, FS, CZ
prof. Ing. Horyl Petr, CSc., VSB TU Ostrava, FS, CZ
prof. Ing. Pavel Élesztős, PhD., STU Bratislava SJF, SK
prof. Ing. Ladislav Jurišica, PhD., STU Bratislava, FEI, SK
prof. Ing. Ladislav Starek, CSc., STU Bratislava SJF, SK
prof. Ing. Jindřich Petruška, CSc., VUT v Brne, FSI, CZ
prof. Ing. Ctirad Kratochvíl DrSc. VUT v Brne, FSI, CZ
doc. RNDr. Ing. Tomáš Březina CSc., VUT v Brne, FSI, CZ
prof. Ing. Boris Rohál-Ilkiv, CSc., STU Bratislava, SJF, SK
prof. RNDr. Michael Valášek, DrSc., FS, ČVUT v Prahe, CZ
prof. Ing. Milan Růžička, CSc., FS, ČVUT v Prahe, CZ
prof. Ing. Stanislav Holý, CSc., FS, ČVUT v Prahe, CZ
prof. Ing. Vladislav Laš, CSc., FAV, ZCU v Plzni, CZ
prof. Ing. Pavol Špánik, PhD., ŽU v Žiline, EF, SK
prof. Ing. Peter Šolek, CSc., STU Bratislava, SJF, SK
prof. Ing. Ivan Kneppo, DrSc., TnUAD Trenčín, SK
prof. Ing. Ján Vavro, PhD., TnUAD, Trenčín, SK
prof. RNDr. Miroslav Hrabovský, DrSc., LO UP Olomouc, CZ
prof. dr hab. inż. Henryk Kopecki, PRZ. Rzeszów, PL
Dr.h.c. prof. Ing. Stanislav Adamczak, DrSc., PS, Kielce, PL

Deadlines

Registration and submission of abstracts: **June 19th, 2011**
Contribution acceptance note: **June 26th, 2011**
Submission of contributions: **July 24th, 2011**
Date of the conference: **September 20th – 22nd, 2011**

Conference Fees

Before July 24th, 2011: **200 €**
After July 24th, 2011: **220 €**

Bank connection	SLSP II. MP, Štúrova 5, Košice
Account No.	0082125228/0900
Constant symbol	0308
Variable symbol	097
IBAN	SK28 0900 0000 0000 8212 5228
SWIFT	GIBASKBX

In order to identify the payment, it is needed to write the name of a participant in the payer's note!

Contributions

Contributions will be published as a reviewed conference collection.

Language of contributions: **English**

Conference Languages: **Slovak, Czech, English, Polish**

Conference Secretary

Technical University of Košice
Institute of Specialised Technical Science
Department of Applied Mechanics and Mechatronics
Ing. Peter Frankovský, PhD.
Letná 9, 042 00 Košice
Slovak republic

Tel.: +421 55 602 2457

Email: peter.frankovsky@tuke.sk
mmams@kamam.sk

The application form and detailed information can be found on conference website:

www.kamam.sk/mmams2011

The conference is supported by following projects:

ITMS: 26220120060 "Centre for research of control of technical, environmental and human risks for permanent development of production and products in mechanical engineering."

VEGA 1/0265/10 "The increase of load capacity of construction parts through application of numeric and experimental mechanics methods."

VEGA 1/0289/11 "The use of experimental methods in development of identification methodology and breakdown prediction of supporting members."