

Lecture Notes in Networks and Systems

Volume 54

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Experimental and Numerical Investigations in Materials Science and Engineering

Proceedings of the International Conference
of Experimental and Numerical Investigations
and New Technologies, CNNTech 2018

 Springer

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Preface

The book is a collection of high-quality peer-reviewed research papers presented at the International Conference of Experimental and Numerical Investigations and New Technologies (CNNTech 2018) held at Zlatibor, Serbia, from July 4 to 6, 2018. The conference is organized by the Innovation Center of the Faculty of Mechanical Engineering, Faculty of Mechanical Engineering at the University of Belgrade, and Center for Business Trainings. Over 30 delegates was attending the CNNTech 2018—academicians, practitioners, and scientists from 11 countries—presenting and authoring 40 papers. The conference program included two keynote lectures with five invited lectures, four sessions (oral and poster), and two workshops. Seventeen selected full papers went through the double-blind reviewing process.

The main goal of the conference is to make positive atmosphere for the discussion on a wide variety of industrial, engineering, and scientific applications of the engineering techniques. Participation of a number of domestic and international authors, as well as the diversity of topics, has justified our efforts to organize this conference and contribute to exchange of knowledge, research results, and experience of industry experts, research institutions, and faculties which all share a common interest in the field in experimental and numerical investigations.

The CNNTech 2018 was focused on the following topics:

- Mechanical Engineering,
- Materials Science,
- Chemical and Process Engineering,
- Experimental Techniques,
- Numerical Methods,
- New Technologies.

We express our gratitude to all people involved in conference planning, preparation, and realization, especially to

- All authors, specially keynote speakers and invited speakers, who have contributed to the high scientific and professional level of the conference,
- All members of the Organizing Committee,

- All members of the International Scientific Committee for reviewing the papers and Chairing the Conference Sessions,
- Ministry of Education, Science and Technological development of Republic of Serbia for supporting of the Conference.

We wish to express a special gratitude to Ms. Dragana Perovic for her effort in preparing and managing the conference in the best way.

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Contents

Materials Science

Thermal and Mechanical Characteristics of Dual Cure Self-etching, Self-adhesive Resin Based Cement	3
Aleksandra Mitrovic, Nenad Mitrovic, Aleksandar Maslarevic, Vuk Adzic, Dejana Popovic, Milos Milosevic, and Dusan Antonovic	
TGA-DSC-MS Analysis of Pyrolysis Process of Various Biomasses with Isoconversional (Model-Free) Kinetics	16
Nebojsa Manic, Bojan Jankovic, Dragoslava Stojiljkovic, and Vladimir Jovanovic	
Thermal Energy Storage of Composite Materials Based on Clay, Stearic Acid, Paraffin and Glauber’s Salt as Phase Change Materials	34
Milena Stojiljkovic, Stanisa Stojiljkovic, Bratislav Todorovic, Mirjana Reljic, Sasa Savić, and Sanja Petrovic	
Experimental Investigation of Mechanical Properties on Friction Stir Welded Aluminum 2024 Alloy	44
Miodrag Milcic, Tomaz Vuherer, Igor Radisavljevic, and Dragan Milcic	
Possibility for Removing Products of Thermal Degradation of Edible Oil by Natural Aluminosilicates	59
Sanja Dobrnjac, Mirko Dobrnjac, Jelena Penavin Skundric, Ljubica Vasiljevic, Stevan Blagojevic, and Zvezdana Sandic	
Study of Water Vapor Resistance of Co/PES Fabrics Properties During Maintenance	72
Mirjana Reljic, Stanisa Stojiljkovic, Jovan Stepanovic, Branislava Lazic, and Milena Stojiljkovic	

Experimental Dimensional Accuracy Analysis of Reformer Prototype Model Produced by FDM and SLA 3D Printing Technology	84
Aleksa Milovanović, Miloš Milošević, Goran Mladenović, Blaž Likozar, Katarina Čolić, and Nenad Mitrović	
Application of Numerical Methods in Design and Analysis of Orthopedic Implant Integrity	96
Katarina Čolić, Aleksandar Grbović, Aleksandar Sedmak, and Kaled Legweel	
Measurement of the Stress State in the Lower Link of the Three-Point Hitch Mechanism	112
Vera Cerović, Dragan Milković, Aleksandar Grbović, Saša Radulović, and Jovan Tanasković	
Engineering	
Research of Lean Premixed Flame by Chemiluminescence Tomography	125
Vuk Adžić, Mustafa Makhzoum, Aleksandar Milivojević, and Mirosljub Adžić	
freeCappuccino - An Open Source Software Library for Computational Continuum Mechanics	137
Nikola Mirkov, Nenad Vidanović, and Gordana Kastratović	
Multiparameter Structural Optimization of Pressure Vessel with Two Nozzles	148
Martina Balac and Aleksandar Grbovic	
Mathematical Modelling and Performance Analysis of a Small-Scale Combined Heat and Power System Based on Biomass Waste Downdraft Gasification	159
Marta Trninic, Dusan Todorovic, Aleksandar Jovovic, Dragoslava Stojiljkovic, Øyvind Skreiberg, Liang Wang, and Nebojsa Manic	
Determination of the Wing Conveyor Idlers' Axial Loads Using the Finite Element Method	174
Zarko Miskovic, Radivoje Mitrovic, Milan Tasic, Marko Tasic, and Ján Danko	
Mathematical Modelling Approach of WntSignalling PATHWAY Analyse in Alzheimer Disease	193
Natasa Kablar	

Identification and Recognition of Vehicle Environment Using Artificial Neural Networks 208
Darko Jovic, Velimir Cirovic, and Dragan Aleksendric

Model Predictive Control of a Medical Robotic System 220
Ivan Buzurovic

Author Index 231