

# ROOM 4

**WEDNESDAY, JUNE 15, 2016**

## **Section 7: Mathematical Aspects of Computer Sciences**

Chair: Gjorgji Markoski

18:20 – 18:40	<b>Anastasios Papapostolu, Dimitar Birov:</b> A pi-calculus ADL for semi-automatic code generation
18:40 – 19:00	<b>Artan Berisha, Faton Berisha:</b> Modified AES for increasing data security and its parallel implementation
19:00 – 19:20	<b>Mimoza Petrova, Vanco Cabukovski, Roman Golubovski:</b> Supporting Education in Math Sciences with a Low-budget LMS SAKAI
19:20 – 19:40	<b>Igor Janevski, Roman Golubovski, Vanco Cabukovski:</b> Mathematical calibration of sensors for embedded applications

20:00 – 21:00      Dinner

21:00 –            COCKTAIL, Hotel Metropol

# **ROOM 4**

## **THURSDAY, JUNE 16, 2016**

### **Workshop FIXED POINT THEORY AND ITS APPLICATIONS**

Chair: Erdal Karapinar

10:50 – 11:10	<b>Kenan Taş</b>
11:10 – 11:30	<b>İnci Erhan:</b> Quasi-dislocated spaces
11:30 – 11:50	<b>Mahpeyker Öztürk:</b> Modular spaces and some fixed point theorem
11:50 – 12:10	<b>Ümit Aksoy:</b> Applications of fixed point theory results to ordinary and partial differential equations

12:10 – 12:30      Coffee break

### **Workshop FIXED POINT THEORY AND ITS APPLICATIONS**

Chair: Erdal Karapinar

12:30 – 12:50	<b>İshak Altun:</b> Some fixed point results on quasi metric spaces
12:50 – 13:10	<b>Gonca Durmaz:</b> Some relations between recent fixed point results on metric space
13:10 – 13:30	<b>Hacer Dağ:</b> A fixed point theorem for multivalued mappings on quasi metric space

13:30 – 15:30      Lunch

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## THURSDAY, JUNE 16, 2016

### Workshop FIXED POINT THEORY AND ITS APPLICATIONS

Chair: Erdal Karapinar

17:20 – 17:40	<b>Erdal Karapinar:</b> Advances on fixed point theory
17:40 – 18:00	<b>Rezan Sevinik Adıgüzel:</b> Some properties of the q-quadratic lattices
18:00 – 18:20	<b>Ali Uçum:</b> On classification of bi-null curves in $R_{3}^{6}$

18:00 – 18:20      Coffee break

### Section 5: Probability, Statistics, Numerical Mathematics and Optimization

Chair: Aneta Gacovska-Barandovska

18:40 – 19:00	<b>Gökhan Özçelik, Cevriye Temel Gencer:</b> A Game Theoretical Approach for Supplier Interdiction on Single Echelon Supply Chain in Competitive Environment
19:00 – 19:20	<b>Esin Avcı:</b> Using Informative Prior from Meta Analysis in Bayesian Approach
19:20 – 19:40	<b>Mahmet Ünver, Gökhan Özçelik:</b> Identification of a fuzzy measure that meets redundancy among criteria in multicriteria decision making problems
19:40 – 20:00	<b>Maria Dobрева, Ivan Chenchev:</b> Clinical evaluation of treatment of gingival recessions supported by Bayesian statistics

20:30 – 22:00      Dinner

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## FRIDAY, JUNE 17, 2016

### Section 5: Probability, Statistics, Numerical Mathematics and Optimization

Chair: Marija Stanić

9:40 – 10:00	<b>Lazim Kamberi, Ylldrita Seferi, Dashmir Ibishi:</b> Using Queueing theory-M/M/1 in Hospital Tetovo
10:00 – 10:20	<b>Milena Kresoja, Marko Dimovski, Irena Stojkoska, Zorana Lužanin:</b> Stochastic approximation with adaptive step sizes for optimization in noisy environment and its application in regression models
10:20 – 10:40	<b>Filip Nikolovski, Irena Stojkovska:</b> Complex-step gradient approximation and performance analysis of nonmonotone optimization algorithms in noisy environment

### Section 5: Probability, Statistics, Numerical Mathematics and Optimization

Chair: Irena Stojkovska

11:00 – 11:20	<b>Veska Noncheva:</b> Imputation of missing categorical values in survey research data
11:20 – 11:40	<b>Aneta Gacovska-Barandovska, Elisaveta Pancheva:</b> An example on application of randomly indexed central order statistics
11:40 – 12:00	<b>Marija Stanić:</b> An optimal set of quadrature rules for trigonometric Polynomials
12:00 – 12:20	<b>Marko Dimovski, Irena Stojkovska:</b> Regularized least-square optimization method for variable selection in regression models
12:20 – 12:40	<b>Stevo Gjorgiev, Vlatko Kochovski:</b> An approach to the income function movement when its components change according to the principle of the geometric progression

12:40 – 14:00

Lunch

14:15 – 19:30

EXCURSION

20:00 – 23:00

FAREWELL DINNER