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Parallel Sessions

13:00 Information Society, Mathematical Statistics and Linguistics

Éva Hajnal

Room Kálmán Kandó

Chair

13:00 Statistical Survey of Influenza and Infuenza-Like Diseases in a Rural General Practitioner Database

Dezső Hatalyák and Márta Seebauer

13:15 Data collection and analysis of activity patterns with W2 Activity Tracker

Balázs Borbély, Attila Sáfár and József Halász

13:30 Discover a black hole in the classroom: the "Pear-Star" Project

Csilla Fülöp and Zsuzsa Horváth

13:45 The English classroom as a social site for negotiating cultural identity A pinch of Oman

Marianna Machata

14:00 ÍRISZ - the Smart Communication System

Dezső Hatalyák, Márta Seebauer and József Ivanics

14:15 Geodesy and Geoinformatics

Péter Tarsoly

Room Kálmán Kandó

Chair

14:15 Accuracy analysis of Glacial Isostatic Adjustment models using for satellite gravimetry

Lóránt Földváry and Annamária Kiss

14:30 Seasonal hydrologic variations in the La Plata basin from GRACE gravity field models

Annamária Kiss and Lóránt Földváry

14:45 A diagram to illustrate the distribution of slope and aspect of an area

Gábor Nagy

15:00 Comparative analysis of navigation GPS receiver by GPS/GLONASS/EGNOS

Anita Karika, Gergely Szabó and Dániel Balla

15:15 Pixel-based 3D Object Reconstruction

Árpád Barsi and Árpád Somogyi

15:30 Coffee Break

Aula

15:45 Embedded Systems and Computer Systems

Márta Seebauer

Room Kandó Kálmán

Chair

15:45 Cost-effective WiFi controlled mobile

Attila Kovari and József Katona



November 3-23

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robot

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|-------|--|--|
| 16:00 | A Special Robust Solution for Battery Based Power Supply | György Györök, Tihomir Trifonov, Alexander Y. Baklanov, Bertalan Beszédes, Svetlana V. Grigoryeva and Aizhan Zhaparova |
| 16:15 | Overview of IPv6 transition solutions and possible migration plans | Péter Bálint |
| 16:30 | Acoustic Characteristics of Sacral Thracian Sites | Valeria Fol, György Györök, Tihomir Trifonov, Alexander Alexiev and Ivan Simeonov |
| 16:45 | Graph Algorithm Design for a Local Transportation Application | Krisztián Zsobrák and László Gugolya |

17:00 Poster Session**Aula***Levente Rádai**Chair*

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|-----|---|---|
| 1. | Péter Tarsoly | Analysis of the accuracy and precision of magnetic azimuths measured by different cave surveying instruments |
| 2. | Annamária Kimlei and Árpád Barsi | Investigation of Full-waveform Lidar Data Segmentation |
| 3. | Gergely László and Lóránt Földváry | Determination of the surface deformation during the eruption of the Sakurajima volcano in February, 2016 |
| 4. | Gábor Nagy | Analysing the pyramid representation in one arc-second SRTM model |
| 5. | Valéria Balázsik and Zoltán Tóth | Using geoinformatics tools in archeology |
| 6. | Gencho Panicharov, Aneta Georgieva and Márta Seebauer | Research on the Beach of Grand Hotel Varna |
| 7. | Nikoletta Tolner and András Dávid | Developing an E-learning Course for Teaching Digital Technology |
| 8. | Margit Horosz-Gulyás | Teaching Methodology in Higher Education: present and future |
| 9. | György Györök and Bertalan Beszédes | Fault tolerant power supply systems |
| 10. | Gaye Ediboglu Bartos and Éva Hajnal | Preprocessing Technics for Hungarian Handwriting Recognition |
| 11. | Albina Kadyroldina and Alissa Arinova | Simulation of Electro-physical Characteristics of the Bulk Material in the Electric Field of Capacitive sensors |
| 12. | László Gugolya | Raised Graduation Information Technology Solutions for the Visual Interface |
| 13. | Alexander Baklanov, Vladimir Sayun and | The control system of energy |

Egor Grigoryev

efficiency of the LED lighting

14. József Borbély

Finding pairs in mathematical
games

15. József Borbély and Éva Csala-Takács

Counting graphs

17:30 Closing Ceremony**Aula**

Reception

Aula

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