The Fourth Edition of the
International Conference

Applied Informatics in Economy and Information Technology
„e-Society - Knowledge and Innovation"

November 3-4, 2016

Hosted by:
School of Computer Science for Business Management
and
Department of Informatics, Statistics, Mathematics
Within

Romanian-American University, Bucharest, Romania

Program of the conference

Day 1 - *Thursday, 03 Nov. 2016*

12.00-12.15 Registration

12.15 – 13.15 Opening ceremony and Plenary lecture (Senate Hall)

Keynote Speakers:

Ana Maria Preda, Professor Ph.D., Romanian-American University, Bucharest, Romania

Moisă Altăr, Professor Ph.D., Romanian-American University, Bucharest, Romania

Nicholas Dima, Professor Ph.D., University of Arizona, USA

Andy Rooke, Senior Manager – Connected & Automated Mobility, ERTICO, Brussels, Belgium

Editors' Note:

Virgil Chichernea, Professor Ph.D., Romanian-American University, Editor of the Journal of Information Systems & Operations Management (JISOM)

Bogdan Glăvan, Professor Ph.D., Romanian-American University, Editor of the Romanian Economic and Business Review (REBE)

13.15-13.30 Coffee break

13.30 – 16.30 Papers presentation on Parallel Sessions

13.30 – 15.30
Senate Hall - Section 1. Information Technology
Room 328 - Section 2. Business Software Applications
15.30 – 16.30
Senate Hall - Section 3. Modelling and Simulation
Room 328 - Section 4. E-Finance, Banking and Management: Methods and Techniques

16.30 – 17.30 Conference Buffet

Day 2 - *Friday, 04 Nov. 2016 - Making eCall Happen*

8.30-09.00 Registration

09.00 – 09.10 – Welcome from RAU – speaker: Ovidiu Folcut, Professor Ph.D.
09.10 – 09.20 – Testimonials from STS – speaker: General Marcel Opriş

09:20 – 09:30 - Overview of current situation across Europe for Emergency Call
         Workshop moderator: Andy Rooke, ERTICO– ITS Europe

09:30 – 09:40 Coffee break

09:40 – 13.00 Presentations
         9.40 – iHeERO project presentation – Speaker: Andy Rooke
          9.50 – Romanian PSAP readiness – STS Romania
         10.10 – Romanian TMC presentation
         10.25 – Special issues addressed by iHeERO (WP leaders)
         11.05 – P2W eCall technology
         11.15 – Coffee break
         11.30 – HGV eCall technology
         12.10 – Dangerous goods eCall specifications
         12.40 – Distance coaches eCall technology

13:00-14:00 – Lunch

14:00-16:45: Free discussions

Sections

Section 1. Information Technology

Chair: George Căruţaşu, Professor Ph.D.

Papers:

FACILITIES AND CHANGES IN THE EDUCATIONAL PROCESS WHEN USING OFFICE365

George CĂRUȚAȘU, Mironela PIRNAU

FROM CYBER THREATS TO CYBER-CRIME

Stefan IOVAN, Alina-Anabela IOVAN

IMPLEMENTATION OF FRAGMENTATION AND REPLICATION METHODS IN DISTRIBUTED SYSTEMS

Anca-Georgiana FODOR, Ion LUNGU

SECURITY MEASURES FOR OPEN SOURCE SERVERS AND WEBSITE PLATFORMS

Gabriel Eugen GARAIS, Alexandru-Serban ENACEANU

THE IMPACT OF MANAGERIAL FLEXIBILITY IN DATABASES MAINTENANCE

Constantin BRAN, Cristina SIMION, Bogdan TIGANOAIA, Doina SERBAN, Sorin Cristian IONESCU

LAUNCHING CODED UI TESTS FROM OUTSIDE AN IDE

Ionel IACOB, Cezar MIHÃLCESCU

THE LIFE CYCLE OF MEDICAL IMAGING TECHNOLOGY

Anca-Liliana OPRIŞ, Sorin Cristian IONESCU

Section 2. Business Software Applications

Chair: Ana Maria Preda, Professor Ph.D.

Papers:

TRANSECTIONAL ANALYSIS BETWEEN INNOVATION AND ICT READINESS FOR THE EUROPEAN UNION COUNTRIES

Ana-Maria PREDA, Daniela Alexandra CRIŞAN, Justina Lavinia STĂNICĂ, Adam Nelu ALTĂR SAMUEL

MULTIDIMENSIONAL INTERESTS TROUGH AN ONLINE SOCIAL NETWORK SENSOR FOR SMART ENVIRONMENTS

Ricardo Barbosa, Ricardo Santos

EXPANDING ECALL FROM CARS TO OTHER MEANS OF TRANSPORT

George CĂRUŢAŞU, Cezar BOTEZATU, Mihai Alexandru BOTEZATU

MODERN TECHNOLOGIES AND INNOVATION – SOURCE OF COMPETITIVE ADVANTAGE FOR TOURISM SMES

Tăbuşcă Alexandru, Maniu Laura Cristina

USING CLOUDS FOR FPGA DEVELOPMENT – A COMMERCIAL PERSPECTIVE

Laurentiu A. DUMITRU, Sergiu EFTIMIE, Ciprian RACUCIU

A MIXED APPROACH TOWARDS IMPROVING SOFTWARE PERFORMANCE OF COMPUTE UNIFIED DEVICE ARCHITECTURE APPLICATIONS

Alexandru PÎRJAN

MANAGING GRAPHICS PROCESSING UNITS' MEMORY AND ITS ASSOCIATED TRANSFERS IN ORDER TO INCREASE THE SOFTWARE PERFORMANCE

Alexandru PÎRJAN

Section 3. Modelling and Simulation

Chair: Marilena Aura DIN, Associate Professor

Papers:

SOME CONTROVERSIES ON THE STATISTICAL METHODS USED IN THE EDUCATIONAL RESEARCH

Olga YANUSHKEVICHIENE, Romanas YANUSHKEVICHIUS , Marilena Aura DIN

PROCESSING AND INTERPRETATION OF STATISTICAL DATA REGARDING THE OCCURRENCE OF EARTHQUAKES

Cristina COCULESCU, Mironela PIRNAU, Mihai Alexandru BOTEZATU

CLASSIC AND MODERN MODELS USED IN OIL INDUSTRY LOGISTICS

Bianca Maria GULIMAN , Sorin Cristian IONESCU

PREDICTIVE ANALYTICS FOR TRANSPORTATION INDUSTRY

Stefan IOVAN