

# 5<sup>th</sup> International Workshop on Systems Safety and Security IWSSS 2017

## \*\*\* Program \*\*\*

IWSSS 2017 is organized in conjunction with the 9<sup>th</sup> International Conference on Electronics, Computers & Artificial Intelligence (ECAI 2017). The workshop is integrated in the conference program which is available on: <http://ecai.ro/Call for paper/Program ECAI 2017.pdf>.

The ECAI 2017 & IWSSS 2017 will take place at

**UNIVERSITY "VALAHIA" of TARGOVISTE**  
**Faculty of Electrical Engineering, Electronics and Information Technology**  
**[13 Aleea Sinaia, Targoviste, România](#)**

**GPS Coordinates:**

**Latitude: 44.94457169589394 | Longitude :25.45499503612519**

IWSSS 2017 will have two distinct sessions of oral presentation on June 29<sup>th</sup> (15:30-17:00) and June 30<sup>th</sup>, 2017 (11:30-14:00).

<b>June 29, 15:30-17:00, International Workshop on Systems Safety &amp; Security- IWSSS – 2017 – 1, room A301</b>
Chairs: Emil Pricop, Dan Popescu
15:30-15:45 Roxana Papadie, Ioana Apostol
Analyzing websites protection mechanisms against DDoS attacks
15:45-16:00 Carmina Georgescu, Alina Petrescu-Nita, Emil Simion, Antonela Toma
A View on Nist Randomness Tests (In)Dependence
16:00-16:15 Ana-Maria Ghimes, Victor-Valeriu Patriciu
Neural Network Models in Big Data Analytics and Cyber Security
16:15-16:30 Vishnu Manasa Devagiri, Abbas Cheddad
Splicing Forgery Detection and the Impact of Image Resolution
16:30-16:45 Balduino Estison Mugilila Camachi, Oana Chenaru, Loretta Ichim, Dan Popescu
A Practical Approach to IEC 61850 Standard for Automation, Protection and Control of Substations
16:45-17:00 Nicoleta Marilena Matei, Sorin-Lucian Dobrescu, Ichim Loretta, Dan Popescu, Emil Pricop
A Multi-Agent System for Management of Control Functions as Services in Onshore Oilfield

**June 30, 11:30-14.00, International Workshop on Systems Safety & Security- IWSSS – 2017 - 2, room TG6**

Chairs: Emil Pricop, Grigore Stamatescu

11:30-11:45 Cristian Dragana, Viorel Mihai, Grigore Stamatescu, Dan Popescu

In-network Stochastic Consensus for WSN Surveillance Applications

11:45-12:00 Ionut-Daniel Barbu, Sabina-Daniela Axinte, Cristian Pascariu, Ioan Bacivarov, Marian Firoiu

Intruder Monitoring System for Local Networks Using Python

12:00-12:15 Cristian Pascariu, Ionut-Daniel Barbu and Ioan Bacivarov

Dynamic analysis of malware using artificial neural networks

12:15-12:30 Bogdan-Cosmin Chifor, Ion Bica, Victor-Valeriu Patriciu

Mitigating DoS attacks in publish-subscribe IoT networks

12:30-12:45 Mihai Togan, Alin Feraru and Adrian Popescu

Virtual Machine for Encrypted Code Execution

12 :45-13:00 Nicolae Lucaci, Petrică Ciotîrnae, Irinel Florin Tone and Ionut Firiceanu

Specific Acces Architecture for Computer Networks with AAA Server Solution

13 :00-13:15 Mihail-Iulian Plesa

Hybrid Scheme for Secure Communications Using Quantum and Classical Mechanisms

13 :15-13:30 Mihai Togan, Bogdan-Cosmin Chifor, Ionut Florea, George Gugulea

A Smart-phone Based Privacy-Preserving Security Framework for IoT Devices

13 :30-13:45 Cristina Cica, Lucian Filipoaia

Sustainability enabling research methods for development of integrated border security systems