** October 21, 2012 **

Opening: 08:30 : 9:00

Plenary talk I: 09:00 - 10:00

Luciano da F. Costa, University of Sao Paolo, Brazil
Investigating Scientific Networks

Coffee Break: 10:00 - 10:20

* Session I: CASoN: Network Dynamics and Event Detection (10:20 - 13:00) *

Radoslaw Brendel and Henryk Krawczyk
Primary role identification in e-mail networks using pattern subgraphs and sequence diagrams

Sarvenaz Choobdar, Pedro Ribeiro and Fernando Silva
Event Detection in Evolving Networks

Colin Cooper, Tomasz Radzik and Yiannis Siantos
Estimating network parameters using random walks

Bogdan Gliwa, Anna Zygmunt and Aleksander Byrski
Graphical Analysis of Social Group Dynamics

Lilian Berton and Alneu Lopes
Informativity-Based Graph: Exploring Mutual kNN and Labeled Vertices for Semi-Supervised Learning

Fatih Sen, Rolf T. Wigand, Nitin Agarwal, Debanjan Mahata and Halil Bisgin
Identifying Focal Patterns in Social Networks

Jorge Carlos Valverde Rebaza and Alneu de Andrade Lopes
Structural Link Prediction Using Communities Information on Twitter

Lunch: 13:00 - 14:00

Plenary talk II: 14:00 - 15:00
Wagner Meira Jr., Universidade Federal de Minas Gerais, Brazil and INWeb - National Institute of Science and Technology for the Web
Characterizing and understanding the dynamics of online social networks

* Session II: CASoN: Community detection (15:00- 16:30)   *

Nils Ever Murrugarra-Llerena, Lilian Berton and Alneu de Andrade Lopes
Graph-Based Cross-validated Committees Ensembles

Martin Radvansky, Milos Kudelka and Vaclav Snasel
Detection of Head Experts in Social Network

Mohammad Soleimani-Pouri, Alireza Rezvanian and Mohammad Reza Meybodi
Solving Maximum Clique Problem in Stochastic Graphs Using Learning Automata

Sarka Zehnalova, Milos Kudelka Jr., Milos Kudelka and Vaclav Snasel
Comparing Two Local Methods for Community Detection in Social Networks

Catherine Bernard, Hervé Debar and Salim Benayoune
Cross-domain vulnerabilities over social network

Coffee Break: 16:30 - 16:50

* Session III: CASoN: Secutiy, Privacy and General Applications (16:50- 18:00)   *

Nader Nassar and Grant Miller
Method for a Two Dimensional Honeypot to Deter Web Bots in Commerce Systems

Balakrushna Tripathy and Anirban Mitra
An Algorithm to achieve k-anonymity and l-diversity anonymisation in Social Networks

Atta Rahman
Performance of Modified Iterative Decoding Algorithm for Multilevel Codes

Rolf Wigand, Nitin Agarwal, Isaac Osesina, Winfried Hering, Audrey Korsgaard, Arnold Picot and Marcus Drescher
Social Network Indices as Performance Predictors in a Virtual Organization

Lisa Ziemer, Tina Stahlschmidt and Norbert Kuhn
Social Media in the context of Academic Marketing - Case Study: Evaluation of the Umwelt-Campus Campaign

** October 22, 2012 **

Plenary talk III: 08:30 - 09:15
Adriano Cansian, Universidade Estadual Paulista Julio de, Mesquita, Brazil
Cyber Threats: a holistic perspective and reflects in Brazil

Plenary talk IV: 09:15 - 10:00

Václav Snášel, VSB Technical University of Ostrava, Czech Republic
Network communities

Coffee Break: 10:00 - 10:20

* Session IV: CASoN: General Applications (10:20- 13:00) *

Fuad Baloch and Brian Cusack
A Discussion on Internet Governance

Debanjan Mahata and Nitin Agarwal
What does Everybody Know? Identifying Event-Specific Sources from Social Media

Syed Khairuzzaman Tanbeer, Carson Kai-Sang Leung and Juan Cameron
DIFSoN: Discovering Influential Friends from Social Networks

Vinicius Machado and Bruno Vicente
Machine Learning Algorithms applied in Automatic Classification of Social Network Users

Alysson Prado and Cecilia Baranauskas
Representing scientific associations through the lens of Actor-Network Theory

Ana Lima and Leandro de Castro
Automatic Sentiment Analysis of Twitter Messages

Soo Kyung Park, Jeong Ho Kwak and Bong Gyou Lee
Is ARPU the Right Choice for Wireless Data-based Communication Services?

Dante Zaupa, Cristiano Costa, Jéssica Silva, Jorge Barbosa and Adenauer Yamin
Mingle Spontaneous Social Network

Yoonjae Lee, Junseok Oh and Bong Gyou Lee
Logical Push Framework for Real-time SNS Processing

Katarzyna Wegrzyn-Wolska and Lamine Bougueroua
Tweets mining for French Presidential Election

Layth Sliman, BenoÎt Charroux and Yvan Stroppa
RunMyCode: an Innovative Platfofrm for Social Production and Evaluation of Scientific
Research

* Session V: IAS: information Assurance and Security (10:20- 13:00) *

Dherik Barison, Rodrigo Miani, Bruno Zarpelao, Gean Breda and Leonardo Mendes

Evaluation of Quality in Encrypted VoIP Calls

Ohood Althobaiti, Mznah Al-Rodhaan and Abdullah Al-Dhelaan
Biometric Access Control for Wireless Nodes

Ruben Garcia, Ramon Galeana, Alba Moreno and Eleazar Aguirre
Security Controls for Android

Adesina S. Sodiya, Dada O. Aborisade and Aderonke J. Ikuomola
A Survivability Model for Object-Oriented Software Systems

Franco Frattolillo, Federica Landolfi, Umberto Villano and Antonio Cuomo
A Simple and Secure Watermarking Protocol

Michal Prilepok, Tomas Jezowicz, Jan Platos and Vaclav Snasel
Spam detection using Compression and PSO

Hana Rezankova and Dusan Husek
Fuzzy Clustering: Determining the Number of Clusters

Lunch: 13:00 14:00

* Session VI: NWeSP: Web Services and Applications (14:00 - 16:30) *

Jonas Krutil, Milos Kudelka and Vaclav Snasel
Web Page Classification based on Schema.org Collection

Sandir Campos, Rafael Sousa, João Costa, Edison Freitas, Ararigleno Fernandes, Antonio
Serrano, Clauber Rodrigues and Daniel Rodrigues
Ontologic Audit Trails for detection of irregularities in payrolls

 Hmood Al-Dossari
 A Reputation-based Approach for Consumer Protection in Saudi Arabia

Evandro Caldeira, Gabriel Brandão and Adriano Pereira
Characterizing and Preventing chargebacks in next generation Web payments services

Brahim Batouche, Damien Nicolas, Hedi Ayed and Djamel Khadraoui
Recommendation of Travelling Plan for Elderly People According to their Abilities and
Preferences

Miguel Pardal, Mark Harrison, Sanjay Sarma and José Alves Marques
Performance Assessment of XACML Authorizations for Supply Chain Traceability Web
Services

* Session VII: IAS: information Assurance and Security (14:00- 16:30) *

Umesh Hodeghatta Rao
Study of Internet Security Threats Among Home Users

Ebenezer Paintsil
Taxonomy of Security Risk Assessment Approaches for Researchers

Kelton Costa, Clayton Pereira, Rodrigo Nakamura, Luis Pereira and Joao Papa
Boosting Optimum-Path Forest Clustering Through Harmony Search and Its Applications
for Intrusion Detection in Computer Networks

Sushil Jajodia, Witold Litwin and Thomas Schwarz
Securing Password Recovery through Dispersion

Massimiliano Rak, Ficco Massimo and Beniamino Di Martino
An Intrusion Detection Framework for Supporting SLA Assessment in Cloud Computing

Coffee Break: 16:30 - 16:50

* Session VII: NWeSP: Web Services and Application (16:50- 18:00) *

Haroldo Teixeira and Leonardo Azevedo
CommonGOV: A Consolidate Approach for Governance of Service-Oriented Architecture

Ulisses Cavalca, Caio Mesquita, Adriano C. M. Pereira and Eduardo Carrano
A Methodology for Traffic Shaping Multiobjective Optimization for Next Generation
Networks

Jan Platos, Pavel Kromer, Vaclav Snasel and Ajith Abraham
Searching similar images - Vector Quantization with S-tree

Sanjay Malik and S.A.M Rizvi
Ontology Design towards Web Intelligence: A Sports Complex Ontology Case Study

* Session VIII: IAS: information Assurance and Security (16:50- 18:00) *

Darren Eveleigh
Benefits and Challenges of Threee Cloud Computing Service Models

Bernd Zwattendorfer, Herbert Leitold and Ivo Sumelong
Middleware Architecture for Cross-Border eID

Aderonke Ikuomola and Adesina Sodiya
A Credible Cost-Sensitive Model For Intrusion Response Selection

** 19:00 - 22:00 - Conference Banquet **

* IAS - CASoN - NWeSP: Poster Sessions (During Coffee breaks) *

Milena Janáková
Quality of Service & Process Control: What Is Their Efficiency in Available IT Products?

Kun Ma, Runyuan Sun and Ajith Abraham
Toward a lightweight framework for monitoring public clouds

Kelly Assis De Souza Gazolli and Evandro Ottoni Teatini Salles
A Contextual Image Descriptor for Scene Classification

Alba Moreno, Ruben Garcia, Ramon Galeana and Eleazar Aguirre
Measurements and analysis of a Denial of Service Attack by Resource Flood

Hachemi Nabil Dellys, Karima Benatchba, Mouloud Koudil and Ahmed Bouridane
Models Of Threats On Biometric Systems: a comparative study

Reine Lundin and Stefan Lindskog
An Investigation of Entropy of Selectively Encrypted Bitmap Images

Yu-Shun Wang, Frank Yeong-Sung Lin, Jing-Wei Wang and Chi-Hsiang Chan
Effective Network Defense Strategies to Maximize System Survivability of Wireless Mesh Networks under Malicious and Jamming Attacks

Murad Rassam, Anazida Zainal and Mohd. Aizaini Maarof
One-Class Principal Component Classifier for Anomaly Detection in Wireless Sensor Network

Enrico Sorio, Alberto Bartoli and Eric Medvet
A Look at Hidden Web Pages in Italian Public Administrations

Giuseppe Di Modica, Orazio Tomarchio, Massimiliano Rak and Loredana Liccardo
Ontology-based Negotiation of Security Requirements in Cloud

Muhammad Khurram Khan, Saru Kumari and Mk Gupta
Further Cryptanalysis of 'A Remote Authentication Scheme Using Mobile Device

George Markou and Ioannis Refanidis
Towards an Automatic Non-Deterministic Web Service Composition Platform

Radoslaw Michalski, Piotr Bródka, Przemyslaw Kazienko and Krzysztof Juszczyszyn
Quantifying Social Network Dynamics