ITNG 2013
ADVANCE PROGRAM

April 14, 2013 - SUNDAY

5:00pm - 8:00pm:  REGISTRATION (Convention Center-Red Rock Area)
6:00pm - 7:30pm:  PRECONFERENCE RECEPTION (Red Rock Area)

April 15, 2013 - MONDAY

7:00am - 5:00pm:  REGISTRATION (Convention Center- Red Rock Area)
7:00am - 8:30am:  BREAKFAST
8:00am - 8:10am:  Conference Opening Remarks by
  Shahram Latifi, ITNG Chair, University of Nevada, Las Vegas
  (Location: Red Rock VI &VII)

8:10am - 9:00am :  Keynote by
  Dr. Narasimha Reddy, J.W. Runyon Professor, Texas A & M University
  “The Evolution of Botnet Threat to Network Security”
  (Location: Red Rock VI &VII)

9:00 am - 9:10 am :  Break

PARALLEL SESSIONS:

A SESSIONS (Red Rock VI)

SESSION MA1:  Information Systems and Internet Technology I

CHAIR:  Dr. Narayan Debnath, Winona State University, USA
Co-CHAIR:  Dr. Wan D. Bae, University of Wisconsin-Stout, USA

9:10 am - 10:10 am

9:10 - 9:30  A Tree-based Web Service Indication Scheme for Service Tracking in
  Vehicular Ad-hoc Networks
  Chyi-Ren Dow, Chih-Yu Chueh, Yu-Hong Lee and Shiow-Fen Hwang

9:30-9:50  Reducing the Impact of Massive Multiplayer Online Games on the
  Internet using SCTP
  David Burgos-Amador, Jesus Martinez-Cruz and Sergio Recio-Perez

9:50-10:10  OPEN SLOT
10:10-10:30  Coffee Break

GajaNindu: A Distributed System Management Framework with User-Defined Management Logic
Sumedha Kodithuwakku, Lakmal Padmakumara, Ishara Premadasa, Shameera Rathnayaka, Vishaka Nanayakkara, Srinath Perera

SESSION MA2: Information Systems and Internet Technology II

CHAIR:  Dr. Narayan Debnath, Winona State University, USA
Co-CHAIR:  Dr. Wan D. Bae, University of Wisconsin-Stout, USA

10:30am - 12:30 pm

10:30-10:50  SIP: A Simple Tool for Inspecting and Evaluating WSDL Specifications
Mario Beron, Daniel Riesco, German Montejano, Pedro Henrique and Narayan Debnath

10:50-11:10  Blind Certificates for Secure Electronic Voting
Victor Mateu, Francesc Sebé and Magda Valls

11:10-11:30  Considering Interdependent Protection Goals in Domain-Specific Contexts: The di.me Case Study
Fatih Karatas, Marcel Heupel, Mohamed Bourimi, Dogan Kesdogan and Sophie Wrobel

11:30-11:50  Non-Blocking Atomic Commitment Algorithm in Asynchronous Distributed Systems with Unreliable Failure Detectors
Sung-Hoon Park

11:50-12:10  Mining Auto-Generated Test Inputs for Test Oracle
Weifeng Xu, Hanlin Wang and Tao Ding

12:30-1:30  Lunch (On Your Own)

More Information, Less XML Please!
Cheryl Connors

SESSION MA3: Information Systems and Internet Technology III

CHAIR:  Dr. Narayan Debnath, Winona State University, USA
Co-CHAIR:  Dr. Wan D. Bae, University of Wisconsin-Stout, USA

1:30pm - 3:40pm

1:30-1:50  Web Portal Usability Tests for the Nevada Climate Change Portal
Ivan Gibbs, Sergiu M. Dascalu and Frederick C. Harris

1:50-2:10  Semi-Automated Analysis Software for a Novel Biochemistry Assay
Joseph Vesco, Frederick Harris, Sergiu Dascalu, Del Jackson and Josh Baker
2:10-2:30  A Boundary Value Analysis Tool – Design and Description  
  
Narayan Debnath

2:30-2:50  A Web-enabled Approach for Generating Data Processors  
  
Jigarkumar Patel, Sohei Okamoto, Sergiu Dascalu and Frederick Harris

2:50-3:10  Modeling a Facilities Management and Information System by UML  
  
Leo Espinoza, Heldy Espinoza and Wenying Feng

3:10-3:30  OPEN SLOT

3:40-4:00  Coffee Break

New Attack Scenario Prediction Methodology  
  
Seraj Fayyad and Cristoph Meinel

A Comparative Evaluation of Web Services Description Approaches  
  
Hajar Omrana, Ibrahim El Bitar, Fatima-Zahra Belouadha and Ounsa Roudiès

B SESSIONS (Red Rock III)

SESSION MB1:  Software Engineering Education

CHAIR:  Dr. Luiz A. Vieira Dias, ITA, Brazil  
Co-CHAIR:

9:20am - 10:00am

9:20-9:40  One-Semeter CS Capstone: A 40-60 Teaching Approach  
  
Hisham Haddad

9:40- 10:00  Applying Interdisciplinarity and Agile Methods in the Development of a Smart Grids System  
  
Marcelo Paiva Ramos, Gustavo Matuck, Ciro Fernandes Matrigrani, Samoel Mirachi, Eliezer Segeti, Marco Leite, Adilson Marques da Cunha and Luiz Alberto Vieira Dias

10:00-10:30  Coffee Break

SESSION MB2:  Human-Computer Interaction(HCI)and Brain-Machine Interface

CHAIR:  Dr. Kohei Arai, Saga University , Japan  
Co-CHAIR:

10:30am - 12:30pm

10:30-10:50  Gender Classification with Human Gait Based on Skeleton Model  
  
Kohei Arai
Experimental Evaluation of Usability Heuristics
Freddy Paz, Daniela Villanueva, Cristian Rusu, Silvana Roncagliolo and José Antonio Pow-Sang

Learner Satisfaction of e-Learning in Workplace: Case of Oil Company in Middle East
Muhammed Alqahtani

A Comparison of Usability Testing Methods for an E-Commerce Website: A Case Study on a Malaysia Online Gift Shop
Kim Nee Goh, Yoke Yie Chen, F.W. Lai, Stephanie Crystal Daud, Ashok Sivaji and Sze Tsuan Soo

Assessing the Usability of University Websites in Saudi Arabia: A Heuristic Evaluation Approach
Mutlaq Alotaibi

OPEN SLOT

Lunch (On Your Own)

Using a Wireless Sensors Network in the Sustainable Management of African Palm Oil Solid Waste
Mauro Jimenez, Alejandra Jimenez, Pablo Lozada, Santiago Jimenez and Cristhy Jimenez

Evaluating the Usability of Interactive Digital Television Applications
Andrés Solano, César Collazos, Cristian Rusu and Luis Merchan

SESSION MB3: Wavelets and Validated Numerics

CHAIR: Dr. Teruya Minamoto, Saga University, JAPAN
Co-CHAIR:

1:30pm - 3:30pm

1:30-1:50 Two Problems of Wavelet Packet Transform
Makoto Kobayashi and Kazushi Nakano

1:50-2:10 Parallelization of Discrete Stochastic Arithmetic on multicore architectures
Fabienne Jezequel, Jean-Luc Lamotte and Olena Chubach

2:10-2:30 Digital image watermarking for authentication based on the dyadic wavelet transform and interval arithmetic
Ryuji Ohura and Teruya Minamoto

2:30-2:50 Some remarks on the optimal $L^2$ error estimates for the finite element method on the L-shaped domain
Takehiko Kinoshita and Mitsuhiro T. Nakao

2:50-3:10 A Sinc method for an eigenvalue problem of a differential operator
with periodic coefficients and its comparison with Hill's method
Ken’ichiro Tanaka

3:10-3:30  OPEN SLOT
3:30-4:00  Coffee Break

SESSION MB4:  High Performance Computing Architectures

CHAIR:  Dr. Fangyang Shen, New York City College of Technology (CUNY), USA
Co-CHAIR:

4:00pm - 5:40pm

4:00-4:20  On The Performance of Apache Hadoop in a Tiny Private IaaS Cloud
Gabriel Loewen, Michael Galloway and Susan Vrbsky

4:20-4:40  Advanced Instruction Folding for an Object-oriented Processor
Anthony Fong, Yijun Liu and Chihang Yau

4:40-5:00  Hardware Multi-Processor Design for Highly-demanding Applications
Lech Jozwiak and Yahya Jan

5:00-5:20  Workload Based Optimization Model for Parallel Disk Systems
Fangyang Shen

5:20-5:40  An Area-Time Efficient Architecture for 16×16 Decimal
Multiplications
Ming Zhu and Yingtao Jiang

5:40-6:00  A Novel Flash Fast-Locking Digital PLL: Verilog-AMS Modeling and
Simulations
Mahmoud Wagdy and Sandesh Jayaram

C SESSIONS (Red Rock IV)

SESSION MC1: Model-based Software Development I

CHAIR:
Co-CHAIR:

9:10am - 10:10am

9:10-9:30  Exploiting UML Semantic Variation Points to Generate Explicit
Component Interconnections in Complex Systems
Federico Ciccozzi, Antonio Cicchetti and Mikael Sjödin

9:30-9:50  Automated Generation of Use Case Diagrams from Problem Frames
using Formal Concept Analysis
Amina Imam, Haitham Hamza and Riham Moneim
SESSION MC2: Model-based Software Development II

CHAIR: Dr. Luiz A. Vieira Dias, ITA, Brazil
Co-CHAIR:

10:30am-12:30pm

10:30-10:50  A Model-Driven approach to the Automated Creation of ADF Applications
            Mohammed Alodib

10:50-11:10  RangeAnalyzer: An Automatic Tool for Arithmetic Overflow Detection in Model-based Development
            Renato Matuzaki Honda and Luiz Alberto Vieira Dias

11:10-11:30  On Combining Model-Based Analysis and Testing
            Mehrdad Saadatmand and Mikael Sjödin

11:30-11:50  Rule-Based Generation of Mobile User Interfaces
            Andreas Schuler and Barbara Franz

11:50-12:10  CARD-RM: A Reference Model for Airborne Software
            Johnny Marques, Sarasuaty Yelisetty, Adilson Cunha and Luiz Dias

12:10-12:30  Alternative Representation of Aspects
            Sabah Al-Fedaghi

12:30-1:30  Lunch (On Your Own)

SESSION MD1 – POSTERS

CHAIR: Dr. Jon Inouye, Stanbridge College, USA
Co-CHAIR:

9:30am - 11:30am  (Location: Red Rock III,IV,V)

A Meta-algorithm for Planning Optimization in a software Production Line
            Denis Ávila Montini Paulo Marcelo Tasinaffo and Alvaro Augusto Neto Adilson Marques da Cunha

Public-Key Based Efficient Key Distribution in Bluetooth
            Saif Rahman, Yiruo He and Huapeng Wu

Two new modified schemes of Aggressive Packet Combining Schemes in Achieving
Better Throughput
*Swarrendu Chakraborty*

*Khaled Shams, Haitham Hamza and Amr Kamel*

A Comparative Research between SCRUM and RUP using Real Time Embedded Software Development
*Strauss Cunha, Adilson Cunha, Felipe Cardoso and Luiz Zanetti*

**SESSION MD2 – POSTERS**

1:30pm - 3:30pm (Location: Red Rock III, IV, V)

An Ophthalmologist Tool for Predicting Deterioration in Patients with Accomodative Esotropia
*Susan Imberman, Irene Ludwig and Sarah Zelikovitz*

3D Visualization of Space Distribution of Electrical Characteristics in Compound Structures Reconstructed by General Ray Method
*Alexandre Grebennikov*

A Two-Step Approach for Mining Service Cooperation
*Ling-Yao Huang*

Teaching Students to Design and Implement Social Networks Using MVC as a Capstone Experience
*Alan Shaw*

Interdisciplinarity in Computer Science: A Case Study on Graduate Courses
*Adriana da Silva Jacinto, Etiene Lamas, Luiz Alberto Vieira Dias, Adilson Marques da Cunha and Tatiana Martins Almeri*

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**April 16, 2013 - Tuesday**

7:00am - 5:00pm : REGISTRATION (Connvention Center-Red Rock Area)
7:30am - 8:30am : BREAKFAST (Red Rock V)

8:00am - 9:00am: Keynote by
Dr. Reza Torkzadeh, Professor, UNLV
“IT Outsourcing”
(Location: Red Rock VI & VII)

9:00am - 9:10am : Break

**PARALLEL SESSIONS:**

**A SESSIONS (Red Rock VI)**

**SESSION TA1: Computer Information Technology Education**

CHAIR: *Dr. V. Clincy, Kennesaw State University, USA*
Co-CHAIR:
9:10am - 10:10am

9:10- 9:30 Subjective Evaluation of Latency and Packet Loss in a Cloud-based Game
Victor Clincy and Brandon Wilgor

9:30-10:00 Utilizing Technology in Education Environment: A Case Study
Basit Shahzad

Computer Science and Interdisciplinarity: A Case Study on an Undergraduate Program
Adriana da Silva Jacinto, Tatiana Martins Almeri, Etiene Lamas, Luiz Alberto Vieira Dias and Adilson Marques da Cunha

10:00-10:30 Coffee Break

SESSION TA2: Software Testing I

CHAIR: Dr. Luiz A. Vieira Dias, ITA, Brazil
Co-CHAIR:

10:30am- 12:30pm

10:30-10:50 Integration of Root Cause Analysis into a Model-Based Testing Process of a Mobile Switching Server
Mikko Nieminen, Tomi Räty and Risto Teittinen

10:50-11:10 Random Cluster Sampling on X-Machines Test Cases
Yasir Imtiaz Khan and Sadia Kausar

11:10-11:30 Encoding Test Requirements as Constraints for Test Suite Minimization
José Campos and Rui Abreu

11:30-11:50 The Test Path Generation from State-based Polymorphic Interaction Graph for Object-Oriented Software
Ching-Seh Wu, Chi-Hsin Huang and Yen-Ting Lee

11:50-12:10 Validation of Model-based Testing in Hardware in the Loop Platform
Janne Keränen and Tomi Räty

12:10-12:30 SynConSMutate: Concolic Testing of Database Applications via Synthetic Data Guided by SQL Mutants
Tanmoy Sarkar, Samik Basu and Johnny Wong

12:30-1:30 Lunch (On Your Own)

SESSION TA3: Software Testing II

CHAIR: Dr. José Campos, University of Porto, Portugal
Co-CHAIR:  
1:30pm - 3:50pm

1:30-1:50  Towards Test Focus Selection for Integration Testing using Method Level Software Metrics  
*Shadi Banitaan, Mamdouh Alenezi, Kendall Nygard and Kenneth Magel*

1:50-2:10  Applying Testing to Enhance Software Product Quality  
*Etiene Lamas, Luiz Alberto Vieira Dias and Adilson Marques da Cunha*

2:10-2:30  Runtime Monitors to Detect and Prevent Union Query based SQL Injection Attacks  
*Ramya Dharam and Sajjan Shiva*

2:30-2:50  Test Case Generation for Modified Code using a Variant of Particle Swarm Optimization (PSO) Algorithm  
*Shailesh Tiwari, K K Mishra and A K Misra*

2:50-3:10  Automated Test Data Generation for Coupling Based Integration Testing of Object Oriented Programs using Evolutionary Approaches  
*Shaukat Ali Khan*

3:10-3:30  Hybrid Usability Methodology: Integrating Heuristic Evaluation with Laboratory Testing across the Software Development Lifecycle  
*Ashok Sivaji, Mohamed Redzuan Abdullah, Alan G. Downe, Wan Fatimah Wan Ahmad*

3:30-4:00  Coffee Break

**SESSION TA4: Information Security and Privacy**

CHAIR:  *Dr. Ping Wang, UMUC, USA*  
CO-CHAIR:  *Dr. Moses Garuba, Howard University, USA*

4:00pm - 6:20pm

4:00-4:20  Improving the Efficiency and Effectiveness of Penetration Test Automation  
*Joshua Pauli and Kevin Haubris*

4:20-4:40  Reversible Image Hiding Scheme for High Quality based on Histogram Shifting  
*Dae-Soo Kim and Kee-Young Yoo*

4:40-5:00  Investigation of Static and Dynamic Android Anti-Virus Strategies  
*Yan Ma and Mehrdad Sharbaf*

5:00-5:20  WLAN Location Privacy acquisition using Client Server Based Architecture  
*Haider Abbas and Muhammad Junaid Khan*

5:20-5:40  Security Concerns in Cloud Computing  
*Issa M. Khalil, Abdallah Khreishah, Salah Bouktif, Azeem Ahmad*
5:40-6:00 White box AES using Intel’s New AES Instructions
   Shay Gueron

6:00-6:20 Look Into My Eyes: A Survey of Biometric Security
   Alexander Eng and Luay A. Wahsheh

6:30-7:30 ITNG 2014 Planning Meeting (Bryce Room, by invitation)

7:30-8:00 Award Ceremony (Red Rock VI)

8:15-10:00 Conferene Reception and Dinner (Garden View Terrace)

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B SESSIONS (Red Rock III)

SESSION TB1: Social Networking Applications and Knowledge Management

CHAIR: Hanan Abdulla Mohammed Al Mehairi, University of Wollongong, UAE
Co-CHAIR:

9:10am - 10:10am (Location: Meeting Room)

9:10-9:30 Characteristics of Social Network Fatigue
   Thara Ravndran, Alton Chua and Dion Goh

9:30- 9:50 Perception and Use of Social Networking Sites among University Students
   Samir Hamade

9:50-10:10 The Role of Affect on the Acceptance of Web 2.0 as Organizational Knowledge Sharing Systems
   Angela Siew Hoong Lee

   User Participation in Social Networks: The Case of Balatarin, An online Persian-language social bookmarking system
   Asreen Rostami

10:10-10:30 Coffee Break

SESSION TB2: DATA MINING I

CHAIR:
Co-CHAIR:

10:30am-12:50pm

10:30-10:50 PARNT: A Statistic based Approach to Extract Non-Taxonomic Relationships of Ontologies from Text
   Ivo Serra, Rosario Girardi and Paulo Novais

10:50-11:10 The Impact of Body Mass Index on Low Birth weight
   Mali Abdollahian
11:10-11:30  Similarity Search Problem Research on Multi-dimensional Data Sets  
Yong Shi and Brian Graham

11:30-11:50  Capability Analysis for Modulus of Elasticity and Modulus of Rupture  
Mali Abdollahian

11:50-12:10  Environmental Stress Effects on Level of Zinc-Protoporphyrin Metabolite in Workers of an Aluminum Factory  
Ray Hashemi, Azita Bahrami, Mahmood Bahar, Nicolas Tyler and Mattew Anatolli

12:10-12:30  Supply chain technology acceptance, adoption, and possible challenges: A case study of service organizations of Saudi Arabia  
Habib Ullah Khan, Shafiq Ahmed and Mali Abdollahian

12:30-12:50  Lunch (On Your Own)

Delineation of ECG wave components using K-Nearest Neighbor (KNN) algorithm  
Indu Saini, Dilbag Singh and Arun Khosla

SESSION TB3: Networking and Wireless Communications I

CHAIR:  Dr. Yenumula Reddy, Grambling State University, USA
CO-CHAIR:

1:30pm - 3:30pm

1:30-1:50  Applying the Software-to-Data Paradigm in Next Generation E-Health Hybrid Clouds  
Christoph Thuemmler, Thomas Magedanz, Stefano de Panfilis, Joachim Walewski, Thomas Jell, Julius Muller, Stefan Covaci, Armin Schneider and Anastasius Gavras

1:50-2:10  Localized QOS Routing with End-to-End Delay Guarantees  
Fahd Aldosari and Fahad Alradady

2:10-2:30  New approach towards generation of Automatic Variable Key to achieve Perfect Security  
RajatSubhra Goswami

2:30-2:50  Path-finding Algorithm for Ground Multiple Sensor Nodes Detection of Quad-rotor-typed UAV  
Hanshang Li, Ling Wang, Shuo Pang and Massood Towhidnejad

2:50-3:10  Feedback based flow control for Wireless NoC  
Ling Wang and Zhen Wang

3:10-3:30  OPEN SLOT

3:30-4:00  Coffee Break
SESSON TB4: Networking and Wireless Communications II

CHAIR: Dr. Yenumula Reddy, Grambling State University, USA
Co-CHAIR:

4:00pm - 6:00pm

4:00-4:20  A Benchmarking Algorithm to Determine Maximum Stability Data Gathering Trees for Wireless Mobile Sensor Networks
Natarajan Meghanathan and Philip Mumford

4:20-4:40  Multilaterally secure communication anonymity in decentralized social networking
Mohamed Bourimi, Marcel Heupel, Philipp Schwarte, Dogan Kesdogan, Rafael Gimenez, Sophie Wrobel and Simon Thiel

4:40-5:00  Wireless Broadband Measurement in California
YoungJoon Byun, Sathya Narayanan, Stephanie Mott, Jason Schwenkler, Ken Biba, Robert Osborn and Michael Morris

5:00-5:20  A Sampling Diagnostics Model for Neural System Training Optimization
Denis Montini, Gustavo Matuck, Alessandra Montini, Luiz Dias and Alexandre Possebon

5:20-5:40  Energy Efficient Information Assured Routing based on Hybrid Optimization Algorithm for WSNs
Kashif Saleem and Norsheila Fisal

5:40-6:00  Modeling Cognitive Radio Networks for Efficient Data Transfer Using Cloud Link
Yenumula B Reddy and Stephen Ellis

6:30-7:30  ITNG 2014 Planning Meeting (Bryce Room, by invitation)

7:30-8:00  Award Ceremony (Red Rock VI)

8:15-10:00  Conference Reception and Dinner (Garden View Terrace)

C SESSIONS (Red Rock IV)

SESSION TC1: Peer to Peer Technologies

CHAIR: Dr. Müge Fesci Sayit, Ege University, Turkey
Co-CHAIR:

9:10am - 10:10am

9:10-9:30  Breast Cancer Segmentation Using Bacterial Foraging Algorithm
Sujata Bhatia, R. B. Dubey and R. Dhiman
9:30-9:50 Parent Selection via Reinforcement Learning in Mesh Based P2P Video Streaming
Müge Fesci Sayit, Yagiz Kaymak, Kemal Deniz Teket, Cihat Cetinkaya, Sercan Demirci and Geylani Kardas

9:50-10:10 A Study on the Bootstrapping Architectures for Scalable Private Reappearing Overlay Network
Teck Min Chin

10:10-10:30 Coffee Break

SESSION TC2: OPEN SESSION (Discussions, Informal Presentations)

CHAIR:
Co-CHAIR:

10:30am-11:30am

12:30-1:30 Lunch (On Your Own)

SESSION TC3: DATA MINING II

CHAIR:
CO-CHAIR:

1:30pm - 3:10pm

1:30-1:50 Coupling Recursive Hyperspheric Classification with Linear Discriminant Analysis for Improved Results
Salyer Reed, Tyson Reed and Sergiu Dascalu

1:50-2:10 Forecasting Wet Land Rice Production for Food Security
Mali Abdollahian and Lasmini Lasmini

2:10-2:30 User-Defined Inverted Index in Boolean, Rule-based Entity Resolution Systems
Yinle Zhou, John Talburt and Eric Nelson

2:30-2:50 Analysing the Problem and Main Approaches for Ontology Population
Carla Faria and Rosario Girardi

2:50-3:10 A Case Study on the Construction of Application Ontologies
Luis Santos and Rosario Girardi

2:50-3:10 Rules for Building Valid UML Models
Mohammad Alanazi

3:30-4:00 Coffee Break

SESSION TC4: Software Security
CHAIR: Dr. Natarajan Meghanathan, Jackson State University, USA
Co-CHAIR:

4:00pm – 6:00pm

4:00-4:20 Platform for Verification of Electromagnetic Analysis Attacks against Cryptographic Circuits
Masaya Yoshiawa

4:20-4:40 Detecting Cross-Site Scripting Vulnerability using Concolic Testing
Michelle Ruse and Samik Basu

4:40-5:00 Software Safety and Security for Programmable Logic Controllers
Csilla Farkas and Sid Valentine

5:00-5:20 Drop-In Control Flow Hijacking Prevention through Dynamic Library Interception
Alessandro Barenghi, Gerardo Pelosi and Fabio Pozzi

5:20-5:40 Setting up of a Cloud Cyber Infrastructure using Xen Hypervisor
Michael Terrell and Natarajan Meghanathan

5:40-6:00 OPEN SLOT

Rule-Based Source Level Patching of Buffer Overflow Vulnerabilities

6:30-7:30 ITNG 2014 Planning Meeting (Bryce Room, by invitation)

7:30-8:00 Award Ceremony (Red Rock VI)

8:15-10:00 Conference Reception and Dinner (Garden View Terrace)

SESSION TD1 – POSTERS

9:10am -12:30am (Location: Red Rock III, IV, V)

Analysis of Classical and Quantum Resources for the Quantum Linear Systems Algorithm
Jon Inouye

Online Teaching and Learning Strategies for Programming-intensive Courses
Venkat N Gudivada, Rajeev Agrawal and Chunbo Chu

Investigating Benefits and Limitations of applying e-procurement in B2B Automakers companies in Iran
Behnam Bahreman

Approach for Heterogeneous Database Migration
Qian Wang

Cost of Software Quality – A Path to Delivery Excellence
Karthik Jegannathan, John B Osteen and Suresh Ramanan
SESSION TD2 – POSTERS

1:30pm - 4:30pm  (Location: Red Rock III, IV, V)

Examining the Relationship between IT Governance Domains, Maturity, Mechanisms, and Performance: An Empirical Study toward a Conceptual Framework
Humam Alagha

A Model On Dynamic Threshold Multi-Secret Sharing Scheme using Pell’s Equation with Jacobi symbol
Kondala Rao M, KVSSRSS Sarma, PS Avadhani

Linear Programming with Fuzzy Objective Function
Ibraheem Alolyan

Text-to-Onto Miner: A Concept Driven and Time Range Controlled Ontology Builder
Tong-Ming Lim and Vicky Min-How Lim

On the Finite Element Method with Riesz Bases and its Applications to Some Partial Differential Equations
Naohiro Fukuda, Tamotu Kinoshita and Takayuki Kubo

April 17, 2013 - Wednesday

7:00am-12:30pm : REGISTRATION (Connvention Center-Red Rock Area)
7:00am - 8:30am : BREAKFAST ( Red Rock V)

A SESSIONS (Red Rock VI)

SESSION WA (Unconfirmed): WORKSHOP ON "TEXT ANALYTICS FOR SOCIAL MEDIA"

CHAIR: Dr. Tong Ming Lim, Sunway University, Malaysia
Co-CHAIR:

8:00am - 10:00 am

10:00-10:30 Coffee Break

10:30am - 11:30 AM

B SESSIONS (Red Rock VII)

SESSION WB1: Potpourri

CHAIR: Dr. Chandan Bhunia, National Institute of Technology, Govt of India, India
Co-CHAIR:

8:00am - 10:00am

8:00-8:20 A Systematic Mapping Study on Architectural Analysis
Cagatay Catal and Muratcan Atalay

8:20-8:40 A user-centric approach towards understanding the influences of social tags on novice users over time
Khasfariyati Razikin, Dion H. Goh and Chei Sian Lee

8:40-9:00 Real-Time Surface Tracking Algorithm Used in Common-Path Fourier-Domain Optical Coherence Tomography
Sang Hun Park, Dong Ho Shin, Bang Young Kim, Myoung Young Lee, Jeong Hwan Seo, Heung Ki Baik and Chul Gyu Song

9:00-9:20 An Empirical Evaluation of Refactoring Crosscutting Concerns into Aspects using Software Metrics
Joyce M. S. França, Caio Augusto R. dos Santos, Kênia S. de Oliveira, Michel S. Soares

9:20-9:40 Extensions of SysML for Modeling an Aspect Oriented Software Architecture with Multiple Views
Kênia S. de Oliveira, Joyce M. S. França, Michel S. Soares

9:40-10:00 A Two-Hashing Table Multiple String Pattern Matching Algorithm
Chouvalit Khancome, Veera Boonjing and Pisit Chanvarasuth

10:00-10:30 Coffee Break

Evaluation of Multiscale Entropy based HRV for Ectopic Beats
Butta Singh and Gurmej Singh

SESSION WB2: Potpourri

CHAIR: Pyung Soo Kim, Korea Polytechnic University, Republic of Korea
Co-CHAIR:

10:30am - 11:30pm

10:30-10:50 Node Filtering and Face Routing for Sensor network
Laxmi Gewali and Umang Amatya

10:50-11:10 An IEEE 802.21 MIH Functionality Assisted Proxy Mobile IPv6 for Reducing Handover Latency and Signaling Cost
Pyung Soo Kim, Eung Hyuk Lee and Mun Suck Jang

11:10-11:30 Empowering Knowledge Sharing Behaviours through Means Oriented vs. Goal Oriented Cultures: The Impact of Organizational Culture on Knowledge Sharing
Hanan Al Mehairi

Conference Conclusion

END OF SCHEDULE