ISCC 2017

The 22nd IEEE Symposium on Computers and Communications

03 - 06 July 2017, Heraklion, Crete, Greece

Workshops and Symposium Program

Day 1, Mon, July 3, 2017

Welcome (08:30-09:00)

w1.1 DENVECT, session I (09:00-10:45, @MINOS I)

A Blue Monday? Try Walking on a Yellow Path

Silvia Mirri; Marco Roccetti and Paola Salomoni; Catia Prandi

Affective Impact of Social Presence in Immersive 3D Virtual Worlds

Elena Dzardanova; Vlasios Kasapakis and Damianos Gavalas

Believable Group Behaviours for NPCs in FPS Games

Laura Anna Ripamonti; Silvio Gratani; Dario Maggiorini; Davide Gadia; Armir Bujari

I Want to Ride My Bicycle: a Microservice-Based Use Case for a MaaS Architecture

Franco Callegati; Giovanni Delnevo; Andrea Melis; Silvia Mirri; Marco Prandini; Paola Salomoni

Multipong: a Multiplayer Ad-Hoc Version of Pong

Marco Begolo; Sebastiano Valle; Marco Zanella; Armir Bujari; Ombretta Gaggi; Claudio E. Palazzi

w1.2 ISUT, Session I (09:00-10:45, @MINOS II)

A Learning Algorithm to Minimize the Expectation Time of Finding a Parking Place in Urban Area

Asma Houissa; Dominique Barth; Nadege Faul; Thierry Mautor

Cooperative Data Muling from Ground Sensors to Base Stations Using UAVs

Emmanuel Tuyishimire; Antoine Bagula; Slim Rekhis; Noureddine Boudriga

Dynamic Timetable Information in Smart Cities

Kalliopi Giannakopoulou; Sotiris E. Nikoletseas; Andreas Paraskevopoulos; Christos Zaroliagis

Flow-Aware WPT k-Nearest Neighbours Regression for Short-Term Traffic Prediction

Bin Sun; Wei Cheng; Prashant Goswami; Guohua Bai

w1.3 PEDISWESA, Session I (09:00-10:45, @PASIPHAE I)

A Cooperative Location Service for VANETs

Tawfiq Nebbou; Hacene Fouchal; Mohamed Lehsaini; Marwane Ayaida

An Efficient and Dynamic Pseudonyms Change System for Privacy in VANET

Walid Bouksani and Amar Bensaber Boucif

Analysis of Checkpointing Algorithms for Primary-Backup Replication

Berkin Güler and Oznur Ozkasap

Application-Network Collaboration Using SDN for Ultra-Low Delay Teleorchestras

Emmanouil Lakiotakis; Christos Liaskos; Xenofontas Dimitropoulos.

Compressed Incremental Checkpointing for Efficient Replicated Key-Value Stores

Berkin Güler and Oznur Ozkasap

w1.4 ICTS4eHeath, Session I (09:00-10:45, @PASIPHAE II)

A Big Data Architecture for Knowledge Discovery in Pubmed Articles

Francesco Gargiulo and Stefano Silvestri; Mario Ciampi

Implementing Private K-Means Clustering Using a LWE-based Cryptosystem

Mrs. Anastasia Theodouli; Dr. Konstantinos Draziotis; Dr. Anastasios Gounaris

An Approach to Share MRI Data over the Cloud Preserving Patients' Privacy

Dr. Antonino Galletta; Dr. Lilla Bonanno; Dr. Antonio Celesti; Dr. Silvia Marino; Mr. Placido Bramanti; Prof. Massimo Villari

DiDiER - Digitized Services in Dietary Counselling for People with Increased Health Risks Related to Malnutrition and Food Allergies

Mr. Patrick Elfert; Dr. Marco Eichelberg; Mr. Johannes Tröger; Mr. Jochen Alexander Britz; Mr. Jan Alexandersson; Mr. Ludwig Kuhn; Mr. Martin Thielen; Prof. Daniel Bieber; Mr. Jürgen Bauer; Ms. Susanne Teichmann; Ms. Janina Sauer; Mr. Alexander Münzberg; Mr. Norbert Rösch; Ms. Julia Wojzischke; Ms. Rebecca Diekmann; Prof. Andreas Hein

Cyber-Healthcare Cloud Computing Interoperability Using the HL7-CDA Standard
Prof. Bigomokero Antoine Bagula

t1.5 CIPSEC Tutorial: Critical Infrastructure Protection, Session I (09:00-10:45, @APOLLON)

Securing Critical Infrastructures through hardware means: Strong points and weaknesses of Hardware security tokens – UOP
Apostolos P. Fournaris (University of Patras) Adjunct Assistant Professor, Senior Researcher.

Honeypots
Antonis Krithinakis (FORTH), Christos Papachristos (FORTH), Manos Athanatos (FORTH)

Coffee Break (10:45-11:15)

w2.1 DENVECT session II (11:15-13:00, @MINOS I)

On the Design of an App for Foreign Languages Incidental Learning
Silvia Mirri; Paola Salomoni; Marco Roccetti and Antonella Valva; Giacomo Mambelli

Preliminary Considerations on Approaching Computer Forensic
Alessandro Amoroso

TagLecture: The Gamification of Video Lecture Indexing Through Quality-based Tags
Marco Furini; Silvia Mirri; Manuela Montangero

TV Commercials: Improving Viewers Engagement Through Gamification and Second Screen
Roberta De Michele and Marco Furini

w2.2 ISUT Session II (11:15-13:00, @MINOS II)

Location of Stations in a One-Way Electric Car Sharing System
Hatice Calik and Bernard Fortz

Reducing Logistic Vehicle Kilometers in a City Area Based on Network Changes
Pieter Vansteenwegen; Corrinne Luteyn

Service Availability Analysis of a Multimodal Travel Planner Using Stochastic Automata
Spyridon C Evangelatos; Zannis Kalampoukis; Ioanna Fergadiot; Stelios Christofi; Bill Karakostas; Yannis Zorgios

The Impact of Quick Charging Stations on the Route Planning of Electric Vehicles
Bülent Çatay and Merve Keskin

w2.3 PEDISWESA Session II (11:15-13:00, @PASIPHAE I)

Dealing with User Constraints in MCDM Based Web Service Selection
Walid Serrai; Abdelkrim Abdelli; Lynda Mokdad; Ashraf Serrai

Evaluation of Cyclic Prefix Length in OFDM System Based for Rayleigh Fading Channels Under Different Modulation Schemes
Hamid Nourollahi; Saeed Ghazi Maghrebi

Multi-agent Architecture for Reliable Cyber-Physical Systems (CPS)
Teodora Sanislav; Sherali Zeadally; George Mois; Hacene Fouchal

Queuing and Service Management for Congestion Control in Wireless Sensor Networks Using Markov Chains
Samy Hafidi; Nawel Gharbi; Lynda Mokdad

w2.4 ICTS4eHeath Session II (11:15-13:00, @PASIPHAE II)

A Novel System for the Automatic Extraction of a Patient Problem Summary
Maria Mercorella; Crescenzo Diomaiuta; Mario Ciampi and Giuseppe De Pietro

Usability Evaluation of a Geolocation Technology: Safemate
Dr. Santiago Martinez; Dr. Berglind Smaradottir; Ms. Torunn Vatnoy; Mr. Marius Bjonness

The Study of the Implementation and the Extension of the ISO/IEEE-11073 Standards
Ms. Yi Tang; Ms. Xiaolian Duan; Ms. Ting Fan; Ms. Hailing Feng; Mr. Wei Jin; Mr. Bozhi Shi

Interval Coded Scoring Extensions for Larger Problems
Mr. Lieven Billiet; Prof. Sabine Van Huffel; Ms. Vanya Van Belle

A Comprehensive Investigation and Comparison of Machine Learning Techniques in the Domain of Heart Disease
Seyedamin Pouriyeh; Giovanna Sannino; Hamid R Arabnia; Juan B. Gutierrez; Sara Vahi; Giuseppe De Pietro

t2.5 CIPSEC Tutorial: Critical Infrastructure Protection, Session II (11:15-13:00, @APOLLON)

DDoS attacks on critical infrastructures
Omri Sagron, Cyber Security Consultant @ COMSEC

Lunch Break (13:00-14:00)

w4.1 Smart IoT session I (14:00-15:45, @MINOS I)

Eco-aware Vehicle Routing in Urban Environments
J. Dibbelt; D. Gavalas; K. Giannakopoulou; D. Kehagias; C. Konstantopoulos; S. Kontogiannis; G. Pantziou; D. Wagner; C. Zaroliagis

Multimodal Route and Tour Planning in Urban Environments
J. Dibbelt; D. Gavalas; V. Kasapakis; C. Konstantopoulos; S. Kontogiannis; G. Pantziou; D. Wagner; C. Zaroliagis

Introducing TLS/DTLS Secure Access Modules for IoT Frameworks: Concepts and Experiments
Pascal Urien

Contextual Approach for Identifying Malicious Inter-Component Privacy Leaks in Android Apps
Daojuan Zhang; Yuanfang Guo; Dianjie Guo and Rui Wang; Guangming Yu

w3.4 ICTS4eHeath Session III (14:00-15:45, @PASIPHAE II)

Analysis of LVAD Log Files for the Early Detection of Pump Thrombosis
Ms. Jenny I Röbesaat; Mr. Frerk Müller-von Aschwege; Mr. Nils Reiss; Mr. Thomas Schmidt; Ms. Christina Feldmann; Ms. Ezin Deniz; Prof. Jan D Schmitto; Prof. Andreas Hein

The Use of Predictive Models in Dynamic Treatment Planning
Mr. Saemundur Haraldsson; Mrs. Ragnheidur Brynjolfsdottir; Dr. John Woodward; Mrs. Kristin Siggeirsdottir; Dr. Vilmundur Gudnason

Evaluation of Touchscreen Assistive Technology for Visually Disabled Users
Dr. Berglind Smaradottir; Dr. Santiago Martinez; Mr. Jarle Håland

A Use Case Based Requirements Specification Approach to Support the Development of a Rehabilitation System for CVD Patients: The PATH WAY Project
Deirdre Walsh; Paolo Zampognaro; Roselien Buys; Catherine Woods; Fabio Melillo

Usability Assessment of a Health Kiosk
Mr. João Silva; Prof. Pedro Brandão; Mr. Rui Prior

t3.5 CIPSEC Tutorial: Critical Infrastructure Protection, Session III (14:00-15:45, @APOLLON)

Digital Forensics – AEGIS
Vassilis Prevelakis, Professor of Embedded Systems Security, TU Braunschweig, Germany.

Coffee Break (15:45-16:15)

w4.1 Smart IoT session II (16:15-18:00, @MINOS I)

CityCare: Crowdsourcing Daily Life Issue Reports in Smart Cities
A. Bousios; D. Gavalas; L. Lambrinos

Dynamic Strategies for the Optimal Embedding of Virtual Infrastructures
Joao Monteiro Soares; Susana Sargento and João Aparício

Sensing the Cities with Social-Aware Unmanned Aerial Vehicles
Michele Girolami; Fabio Mavilia; Stefano Chessa; Pericle Perazzo; Gianluca Dini;Marco Rasori

w4.4 ICTS4eHeath Session IV (16:15-18:00, @PASIPHAE II)

Accurate Estimate of Blood Glucose Through Interstitial Glucose by Genetic Programming
Ivanoe De Falco; Antonio Della Cioppa; Umberto Scafuri and Ernesto Tarantino

Biologically Relevant Simulations for Validating Risk Models Under Small-Sample Conditions
Dr. Alex F Bokov; Dr. Scott Pletcher; Dr. Alfredo Tirado-Ramos; Ms. Laura S Manuel; Dr. Jonathan Gelfond

Managing Diabetes: Pattern Discovery and Counselling Supported by User Data in a Mobile Platform
Mr. Diogo Machado; Mr. Tiago Paiva; Dr. Inês Dutra; Dr. Vítor Costa; Prof. Pedro Brandão

An Agent Model to Support Social Network-Based Palliative Care
Mr. Nima Moradianzadeh; Dr. Pooya Moradian Zadeh; Dr. Ziad Kobti; Dr. Kathryn Pfaff

Big Data Analytics in Genomics: The Point on Deep Learning Solutions
Mr. Fabrizio Celesti; Dr. Antonio Celesti; Mr. Lorenzo Carnevale; Dr. Antonino Galletta; Mr. Salvatore Campo; Dr. Agata Romano; Mr. Placido Bramanti; Prof. Massimo Villari

t4.5 CIPSEC Tutorial: Critical Infrastructure Protection, Session IV (16:15-18:00, @APOLLON)

A gentle introduction to advanced anonymization of databases – UPC
Ahmad Mezher, UPC

Welcome Drink (20:00-23:00)

Welcome drink @Aquila Atlantis Hotel Terrace (6th floor)

Day 2, Tue, July 4, 2017

Welcome (08:45-09:15)

k1.2 Keynote #1 (09:15-10:15, @MINOS II)

Big Data: Challenges and Algorithms
Prof. Sanguthevar Rajasekaran, Univ. of Connecticut, USA

Coffee Break (10:15-11:45)

ISCC2017 Program

s1.1: Routing and Multicast I (10:45-12:30, @MINOS I)

Two-Aggregator Topology Optimization Without Splitting in Data Center Networks
Dr. Soham Das; Prof. Sartaj Sahni

A Steiner Tree Based Approach for the Efficient Support of Multipoint Communications in a Multi-Domain Context
Mr. Lunde Chen; Dr. Slim Abdellatif; Prof. Thierry Gayraud; Dr. Pascal Berthou

Improving the Behaviour of Interconnection Networks by Using Multiple Internal Paths and Fan Outs
Dr. Eleftherios Stergiou; Prof. John Garofalakis; Dr. Dimitrios Liarokapis

A Markov Chain-based Approximation of CCN Caching Systems
Mr. Hamza Ben Ammar; Ms. Soraya Ait Chellouche; Dr. Yassine Hadjadj-Aoul

On the Impact of Traffic Rerouting and Set-up Delay Tolerance on Connection Provisioning in Dynamic WDM Transparent Networks with QoT Constraints
Ms. Naama Amdouni; Mr. Taoufik Aguili

s1.2: QoS, QoE, and Resource Management I (10:45-12:30, @MINOS II)

Experimental Comparison of Machine Learning-Based Available Bandwidth Estimation Methods over Operational LTE Networks
Mr. Natsuhiko Sato; Mr. Takashi Oshiba; Mr. Kousuke Nogami; Mr. Anan Sawabe; Mr. Kozo Satoda

Flexible Bandwidth Allocation for Big Data Transfer with Deadline Constraints
Mr. Srinikethan Madapuzi Srinivasan; Dr. Tram Truong-Huu; Dr. Mohan Gurusamy

Balancing Overhead-Minimization Objectives in Network Probing-Path Selection
Mr. Saw Lin; Prof. Vijay Ramachandran; Mr. Tinotenda Zinyama

On Expected Transmissions for Wireless Random Linear Coding
Dr. Jalaluddin Qureshi; Mr. Adeel Malik; Dr. Chuan Heng Foh

The Socket Store: An App Model for the Application-Network Interaction
Dr. Christos Liaskos; Dr. Ageliki Tsioliaridou; Dr. Sotiris Ioannidis

s1.3: Vehicular Networks I (10:45-12:30, @PASIPHAE I)

A Vertical Handover Management Scheme for VANET Cloud Computing Systems
Mr. Emmanouil Skondras; Dr. Angelos Michalas; Dr. Angeliki Sgora; Dr. Dimitrios D. Vergados

A Novel Urban Traffic Management Mechanism Based on FOG
Prof. Celso Brennand; Prof. Azzedine Boukerche; Dr. Rodolfo Meneguette; Prof. Leandro Aparecido Villas

Every Dog Has Its Day: a Comparative Study of Clustering Algorithms in VANETs
Dr. Jun Zhang; Ms. Mengying Ren; Dr. Houda Labiod; Dr. Lyes Khoukhi

Content Distribution in Vehicular Networks Through Information Filtering
Mr. Daniel Inácio; Mr. Carlos Senna; Prof. Susana Sargento

A Cooperative and Adaptive Resource Scheduling for Vehicular Cloud
Dr. Rodolfo Meneguette; Prof. Azzedine Boukerche

s1.4: SDN and Overlay Networks I (10:45-12:30, @PASIPHAE II)

A Software-Defined Address Resolution Proxy
Prof. Jun Li; Mr. Zeping Gu; Dr. Yongmao Ren; Dr. Haibo Wu; Ms. Shanshan Shi

NERV: A Constraint-Free Network Resources Manager for Virtualized Environments
Mr. Mauro Mauro; Prof. Flavio de Oliveira Silva; Dr. Pedro Frosi Rosa; Prof. Rui L Aguiar

An Autonomic QoS Management Architecture for Software-Defined Networking Environments
Mr. Felipe Volpato; Mrs. Madalena Pereira da Silva; Mr. Alexandre Gonçalves; Prof. Mario A R Dantas

Message Bundling on Structured Overlays
Dr. Kazuyuki Shudo

CREDENCE: A Carrier Grade Software Defined Networking Control Environment Based on the JAIN SLEE Component Model
Mr. Jhon Martinez Alegria; Mr. Caio Ferreira; Mr. Pedro Bispo; Prof. Flavio de Oliveira Silva; Dr. Pedro Frosi Rosa; Dr. Daniel Corujo; Prof. Rui L Aguiar

t5.5 Tutorial #2, Session I (10:45-12:30, @APOLLON)

From Participatory to Opportunistic Mobile Crowd Sensing: Techniques and Research Challenges
Luca Foschini; Michele Girolami

Lunch Break (12:30-13:45)

s2.1: Security, Crypto and Privacy I (13:45-15:15, @MINOS I)

DeepFlow: Deep Learning-Based Malware Detection by Mining Android Application for Abnormal Usage of Sensitive Data
Mr. Dali Zhu; Ms. Hao Jin; Mr. Di Wu; Ms. Ying Yang; Mr. Weiyi Chen

Large-Scale Discovery and Empirical Analysis for I2P EepSites

Ms. Yue Gao; Mr. Qingfeng Tan; Mr. Jinqiao Shi; Mr. Xuebin Wang; Mr. Muqian Chen

Secure the Commodity Applications Against Address Exposure Attacks

Mr. Xiaoguang Wang; Mr. Yong Qi

You Can Run but You Cannot Hide from Memory: Extracting IM Evidence of Android Apps

Ms. Antonia Nisioti; Dr. Alexios Mylonas; Prof. Vasilios Katos; Dr. Paul Yoo; Mr. Anargyros Chryssanthou

s2.2: IoT and Wireless Sensor Networks I (13:45-15:15, @MINOS II)

A Control-theoretic Approach for Duty Cycle Adaptation in Dynamic Wireless Sensor Networks

Mrs. Raja Al Kiyumi; Dr. Chuan Heng Foh; Dr. Serdar Vural; Prof. Rahim Tafazolli

Shooter Localization in Wireless Acoustic Sensor Networks

Mr. Andrea Simone Pinna; Mr. Giuseppe Portaluri; Prof. Stefano Giordano

Neutral Operation of the Minimum Energy Node in Energy-Harvesting Environments

Mr. André Riker; Mrs. Marilia Curado; Prof. Edmundo Monteiro

Fault Tolerant Protocol for Data Collecting in Wireless Sensor Networks

Prof. Jacek Bronisław Cichoń; Dr. Maciej Gębala; Dr. Marcin Zawada

s2.3: Physical layer and Media Access I (13:45-15:15, @PASIPHAE I)

A TDMA Data-Buffering Technique That Provides Minimum Throughput Delays While Allowing Time-Slot Reassignments Without Data-Transfer Interruptions

Dr. Edward Chandler

Max-SINR Scheduling in Full-Duplex OFDMA Cellular Networks with Dynamic Arrivals

Mr. Hassan Fawaz; Mr. Samer Lahoud; Dr. Marc Ibrahim; Dr. Melhem El Helou

Waterfilling-based Resource Allocation Techniques in Downlink Non-Orthogonal Multiple Access (NOMA) with Single-User MIMO

Ms. Marie-Josepha Youssef; Prof. Joumana Farah; Dr. Charbel Abdel Nour; Prof. Catherine Douillard

Mm-Wave STSK-aided Single Carrier Block Transmission for Broadband Networking

Dr. Talha Faizur Rahman; Dr. Aamir Habib; Dr. Claudio Sacchi; Dr. Mohammed El-Hajjar

s2.4: Multimedia (13:45-15:15, @PASIPHAE II)

Content-Aware Prefetching in Over-The-Top Wireless Networks

Mr. José Silva; Mr. André Dias; Mr. João Nogueira; Dr. Lucas Guardalben; Prof. Susana Sargento

Cloud-based Adaptive Video Streaming: Content Storage vs. Transcoding Optimization Methods

Mr. Konrad Karolewicz; Dr. Andrzej Beben

Flaneur: Augmented Exploration of the Architectural Urbanscape

Ms. Anastasia Ioannidi; Dr. Damianos Gavalas; Dr. Vlasios Kasapakis

A Mobile Edge Computing-assisted Video Delivery Architecture for Wireless Heterogeneous Networks

Mr. Yue LI; Dr. Pantelis A. Frangoudis; Dr. Yassine Hadjadj-Aoul; Dr. Philippe Bertin

t6.5 Tutorial #2, Session II (13:45-15:15, @APOLLON)

From Participatory to Opportunistic Mobile Crowd Sensing: Techniques and Research Challenges

Luca Foschini; Michele Girolami

Coffee Break (15:15-15:45)

s3.1: Security, Crypto and Privacy II (15:45-17:15, @MINOS I)

Enhancing Secrecy by Full-Duplex Antenna Selection in Cognitive Networks

Dr. Gaojie Chen; Prof. Justin P Coon

Enhancement of Transmission Security for OFDM Based Systems

Dr. Dimitrios Efstathiou; Ms. Despoina Tsipouridou; Dr. George Papadopoulos; Prof. Fotini-Niovi Pavlidou

Using Repeated Game for Maximizing High Priority Data Trustworthiness in Wireless Sensor Networks

Dr. Mohamed S. Abdalzaher; Dr. Karim G Seddik; Dr. Osamu Muta

SecRoute: End-to-End Secure Communications for Wireless Ad-hoc Networks

Mr. George Hatzivasilis; Mr. Ioannis Papaefstathiou; Dr. Konstantinos Fysarakis; Dr. Ioannis Askoxylakis

s3.2: QoS, QoE, and Resource Management II (15:45-17:15, @MINOS II)

A Cloudlet-based Task-centric Offloading to Enable Energy-efficient Mobile Applications

Mr. Shichao Guan; Dr. Robson De Grande; Prof. Azzedine Boukerche

5G Wholesale Services and Pricing

Dr. Manos Dramitinos; Prof. George Stamoulis; Mr. Håkon Lønsethagen

Modeling Profit of Sliced 5G Networks for Advanced Network Resource Management and Slice Implementation

Dr. Bin Han; Ms. Shreya Tayade; Prof. Hans D. Schotten

An Advertising Revenue Model for Access ISPs

Mr. Pradeep Bangera; Mr. Syed Hasan; Prof. Sergey Gorinsky

s3.3: Physical Layer and Media Access II (15:45-17:15, @PASIPHAE I)

Boundary-enabled Fair Scheduling in Downlink Multi-Carrier Multiple-Access Networks
Ms. Ting Yang; Dr. Fabien Héliot; Dr. Chuan Heng Foh; Prof. Klaus Moessner

Practical Loss Inference in Uncertain Networks
Ms. Xinlei Yu; Ms. Yuqi Ye; Mr. Jing Wang; Ms. Yan Qiao

Communication with Partial Noisy Feedback
Mr. Gang Wang; Mr. Marten van Dijk; Ms. Chengjuan Chang

Real-time Interference Mitigation by Randomized Convex Approximation
Prof. Konstantinos P. Tsoukatos

s3.4: Cloud and Virtualization I (15:45-17:15, @PASIPHAE II)

A Joint Bloom Filter and Cross-encoding for Data Verification and Recovery in Cloud
Mr. Shengjun Zhang; Mr. Hang Zhou; Prof. Yahui Yang; Mr. Zhonghai Wu

Re-optimizing the Embedding of Virtual Infrastructures
Dr. Joao Monteiro Soares; Prof. Susana Sargento

Comparing the Performance of OS-level Virtualization Tools in SoC-based Systems: The Case of I/O-bound Applications
Mr. David Beserra; Ms. Manuele Kirsch Pinheiro; Prof. Carine Souveyet; Prof. Luiz Angelo Steffenel; Prof. Edward David Moreno

Deployment Orchestration of Microservices with Geographical Constraints for Edge Computing
Prof. Massimo Villari; Dr. Antonio Celesti; Dr. Giuseppe Tricomi; Dr. Antonino Galletta; Dr. Maria Fazio

s3.5: Routing and Multicast II (15:45-17:15, @APOLLON)

Resource-constrained P2P Streaming Overlay Construction for Efficient Joining Under Flash Crowds
Mr. Eliseu C Miguel; Prof. Italo Cunha; Dr. Cristiano M. Silva; Mr. Fernando Carvalho; Sergio Campos

JLPR: Joint Range-Based Localization Using Trilateration and Packet Routing in Wireless Sensor Networks with Mobile Sinks
Mr. Maurício Bertanha; Dr. Richard W. Pazzi

On Communication Cost vs. Load Balancing in Content Delivery Networks
Dr. Mahdi Jafari Siavoshani; Dr. Seyed Pooya Shariatpanahi; Mr. Hamid Ghasemi; Dr. Ali Pourmiri

HLAF: Heterogeneous-Latency Adaptive Forwarding Strategy for Peer-Assisted Video Streaming in NDN
Mr. Yuhang Ye; Dr. Brian Lee; Dr. Ronan Flynn; Mr. Niall Murray; Dr. Yuansong Qiao

Visit to Knossos (17:45-19:45)

There will be busses to take us to Knossos archeological site.

Gala Diner (20:00-23:00)

The Gala Diner will take place at Almyra. Almyra is located at Agia Pelagia 23 km west of Heraklion City. There will be busses to take us there. More details on the place at http://almyracrete.gr/

Day #3, Wed, Jul 5, 2017

k2.2 Keynote #2 (09:00 -10:00, @MINOS II)

Murphy Loves Constructive Interference
Dr. R Venkatesha Prasad, Delft Univ.of Technology, NL

Coffee Break (10:00-10:30)

s4.1: Security, Crypto and Privacy III (10:30-12:00, @MINOS I)

A Reactive Security Framework for Operational Wind Parks Using Service Function Chaining
Dr. Konstantinos Fysarakis; Mr. Nikolaos E. Petroulakis; Mr. Andreas Roos; Mr. Khawar Abbasi; Ms. Petra Vizarreta; Mr. George Petropoulos; Mr. Ermin Sakic; Prof. George Spanoudakis; Dr. Ioannis Askoxylakis

SDNScore: A Statistical Defense Mechanism Against DDoS Attacks in SDN Environment
Dr. Kübra Kalkan; Dr. Gurkan Gur; Prof. Fatih Alagoz

OAuth-IoT: An Access Control Framework for the Internet of Things Based on Open Standards
Mr. Savio Sciancalepore; Mr. Giuseppe Piro; Mr. Daniele Caldarola; Dr. Gennaro Boggia; Prof. Giuseppe Bianchi

Acceleration of RSA Processes Based on Hybrid ARM-FPGA Cluster
Mr. Xu Bai; Mr. Lei Jiang; Prof. Qiong Dai; Mr. Jia Jia Yang; Mr. Jianlong Tan

s4.2: Physical Layer and Media Access III (10:30-12:00, @MINOS II)

Optimised CSMA/CA Protocol for Safety Messages in Vehicular Ad-Hoc Networks
Ms. Giorgia V Rossi; Prof. Kin K. Leung

Optimization and Resource Management in NOMA Wireless Networks Supporting Real and Non-real Time Service Bundling
Mr. Panagiotis Vamvakas; Prof. Eirini Eleni Tsiropoulou; Prof. Symeon Papavassiliou; Mr. John Baras

Selective Overlay Mode Operation for D2D Communication in Dense 5G Cellular Networks
Ms. Divija Swetha Gadiraju; Prof. Rama Garimella
Enhanced Spread in Time On-Off Keying Technique for Dense Terahertz Nanonetworks
Dr. Hakim Mabed

s4.3: Cloud and Virtualization II (10:30-12:00, @PASIPHAE I)

Analyzing the IT Subsystem Failure Impact on Availability of Cloud Services
Mr. Guto Leoni; Dr. Patricia Takako Endo; Dr. Glauco Estácio Gonçalves; Mr. Daniel Rosendo; Mr. Demis Gomes; Dr. Judith Kelner; Dr. Djamel Hadj Sadok; Dr. Mozhgan Mahloo
Designing Resilient WDM Data Center Networks for Dynamic Lightpath Demands
Mrs. Saja Al Mamoori; Dr. Arunita Jaekel; Dr. Subir Bandyopadhyay
Towards an Application Level Elasticity by Middleware
Mr. Tércio de Morais; Mr. Nelson Souto Rosa
Evaluating the Cooling Subsystem Availability on a Cloud Data Center
Mr. Demis Gomes; Dr. Patricia Takako Endo; Dr. Glauco Estácio Gonçalves; Mr. Daniel Rosendo; Mr. Guto Leoni; Dr. Judith Kelner; Dr. Djamel Hadj Sadok; Dr. Mozhgan Mahloo

s4.4: Cognitive Radio Networks and SDR (10:30-12:00, @PASIPHAE II)

Truthful Spectrum Auction for Efficient Anti-Jamming in Cognitive Radio Networks
Mr. Mohammad Aghababaie Alavijeh; Dr. Behrouz Maham; Dr. Zhu Han; Dr. Walid Saad
Software-Defined Radio Proof-of-Concept for Chaos-Based Coded Modulations
Dr. Alexandre Wagemakers; Dr. Francisco J. Escribano
A Distributed Cooperative Spectrum Resource Allocation in Smart Home Cognitive Wireless Sensor Networks
Ms. Aroua Sabrine; Dr. Inès El Korbi; Prof. Yacine Ghamri-Doudane; Prof. Leila Azzouz Saidane
Dynamic Role Assignment in Software-Defined Wireless Networks
Mr. Pablo Graubner; Mr. Markus Sommer; Prof. Matthias Hollick; Prof. Bernd Freisleben

t7.5 Tutorial #3, Session I (10:30-12:00, @APOLLON)

Wireless Communications and Networking with Unmanned Aerial Vehicles
Walid Saad

Lunch Break (12:00-13:30)

s5.1: Security, Crypto and Privacy IV (13:30-15:00, @MINOS I)

Two Layers Multi-class Detection Method for Network Intrusion Detection System
Ms. Yali Yuan; Mr. Liuwei Huo; Mr. Dieter Hogrefe
Stream Learning and Anomaly-based Intrusion Detection in the Adversarial Settings
Mr. Eduardo Viegas; Dr. Altair O. Santin; Mr. Vilmar Abreu; Dr. Luiz E. S. Oliveira
CEFF: An Efficient Approach for Traffic Anomaly Detection and Classification
Mr. Geng Tian; Prof. Zhiliang Wang; Prof. Xia Yin; Mrs. Jun Chen; Mr. Xingang Shi; Mr. Chao Zhou; Mr. Li Zimu; Ms. Yingya Guo
Flow-Based Intrusion Detection System for SDN
Mr. Georgi A. Ajaeiya; Mr. Nareg Adalian; Prof. Imad H Elhajj; Dr. Ayman Kayssi; Prof. Ali Chehab

s5.2: IoT and Wireless Sensor Networks II (13:30-15:00, @MINOS II)

A Dynamic Allocation of RACH Resources to Control the Congestion of M2M Communication over LTE Networks
Mr. David Aragão; Dr. Dario Vieira; Prof. Miguel Franklin de Castro
Link Quality and Path Based Clustering in IEEE802.15.4-2015 TSCH Networks
Mr. Alexandros Mavromatis; Dr. Georgios Z. Papadopoulos; Dr. Xenofon Fafoutis; Dr. Angelos Goulianos; Dr. George Oikonomou; Dr. Periklis Chatzimisios; Dr. Theo Tryfonas
Non-linear Barrier Coverage Using Mobile Wireless Sensors
Mr. Ashutosh Baheti; Mr. Arobinda Gupta
Long Range Communications in Urban and Rural Environments
Mr. Rúben Oliveira; Dr. Lucas Guardalben; Prof. Susana Sargento

s5.3: Cloud and Virtualization III (13:30-15:00, @PASIPHAE I)

MiniWorld: Resource-aware Distributed Network Emulation via Full Virtualization
Mr. Nils Schmidt; Mr. Lars Baumgärtner; Mr. Patrick Lampe; Mr. Kurt Geihs; Prof. Bernd Freisleben
Building Cost Efficient Cloud Data Centers via Geographical Load Balancing
Ms. Yi Xu; Mr. Yong Zhan; Dr. Du Xu
Multi-objective Optimization for Computation Offloading in Mobile-edge Computing
Mrs. LiQing Liu; Dr. Zheng Chang; Prof. Xijuan Guo; Prof. Tapani Ristaniemi
Real-Time Task Scheduling for Joint Energy Efficiency Optimization in Data Centers
Dr. Youshi Wang; Dr. Fa Zhang; Ms. Rui Wang; Dr. Yangguang Shi; Mr. Hua Guo; Mr. Zhiyong Liu

s5.4: Big Data and Data Mining I (13:30-15:00, @PASIPHAE II)

Multi-job Hadoop Scheduling to Process Geo-distributed Big Data
Dr. Marco Cavallo; Dr. Giuseppe Di Modica; Mr. Carmelo Polito; Prof. Orazio Tomarchio

Spark-based Streamlined Metablocking
Prof. Tiago Brasileiro Araújo; Mr. Carlos Pires; Mr. Thiago Nóbrega

Probe Sharing: A Simple Technique to Improve on Sparrow
Mr. Wenzhuo Li; Prof. Chuang Lin; Mr. Puheng Zhang; Mr. Mao Miao

Efficient Spark-Based Framework for Big Geospatial Data Query Processing and Analysis
Mr. Isam Mashhour Aljawarneh; Prof. Paolo Bellavista; Prof. Antonio Corradi; Dr. Luca Foschini; Prof. Rebecca Montanari; Mr. Andrea Zanotti

t8.5 Tutorial #3, Session II (13:30-15:00, @APOLLON)

Wireless Communications and Networking with Unmanned Aerial Vehicles
Walid Saad

Coffee Break (15:00-15:30)

s6.1: Security, Crypto and Privacy V (15:30-17:00, @MINOS I)

Locating Victims of Destructive Targeted Attacks Based on Suspicious Activity Spike Train
Mr. Nobutaka Kawaguchi; Mr. Hideyuki Tomimura; Mr. Tetsutoshi Komiyama; Mr. Kosuke Kubota; Mr. Mamoru Tsuichihara

Which Secure Transport Protocol for a Reliable HTTP/2-based Web Service: TLS or QUIC ?
Mr. Antoine Saverimoutou; Dr. Bertrand Mathieu; Prof. Sandrine Vaton

Anomaly Detection Approach to Keystroke Dynamics Based User Authentication
Mrs. Elena Ivannikova; Prof. Gil David; Prof. Timo Hämäläinen

Privacy-Preserving Text Mining as a Service
Dr. Gianpiero Costantino; Mr. Antonio La Marra; Dr. Fabio Martinelli; Dr. Andrea Saracino; Dr. Mina Sheikhalishahi

s6.2: Physical Layer and Media Access IV (15:30-17:00, @MINOS II)

A Survey on Decoding Schedules of LDPC Convolutional Codes and Associated Hardware Architectures
Ms. Hayfa Ben Thameur; Dr. Bertrand Le Gal; Ms. Nadia Khouja; Fethi Tlili; Prof. Christophe Jego

Renovate High Performance User-level Stacks' Innovation Utilizing Commodity Network Adaptors
Mr. Mao Miao; Mr. Xiaohui Luo; Dr. Fengyuan Ren; Ms. Wenxue Cheng; Mr. Jing Xie; Mr. Wenzhuo Li; Mrs. Xiaolan Liu

Widely Linear Equalizer Performance with Multiple Independent Interferences
Mrs. Hayfa Fhima; Dr. Rafik Zayani; Mr. Hmaied Shaiek; Mr. Daniel Roviras; Dr. Bruno Chang; Prof. Ridha Bouallegue

RCBurst: a Mechanism to Mitigate the Impact of Hidden Terminals in Home WLANs
Mr. Mustafa Al-Bado; Prof. Cormac J. Sreenan; Prof. Kenneth N Brown

s6.3: Biological and Molecular Communications (15:30-17:00, @PASIPHAE I)

An Efficient CNN-based Classification on G-protein Coupled Receptors Using TF-IDF and N-gram
Dr. Cheng Ling; Ms. Man Li; Prof. Jingyang Gao

Error Probability Analysis of Neuro-Spike Communication Channel
Mr. Keyvan Aghababaiyan; Dr. Behrouz Maham

2-D Channel Transfer Function for Molecular Communication with an Absorbing Receiver
Mr. Bayram Akdeniz; Dr. Ali E. Pusane; Dr. Tuna Tugcu

Weighted Graph Constraint and Group Centric Non-negative Matrix Factorization for Gene-phenotype Association Prediction
Dr. Yaogong Zhang; Mrs. Yuan Wang; Mr. Jiahui Liu; Mr. Yalou Huang; Mr. Maoqiang Xie

s6.4: SDN and Overlay Networks II (15:30-17:00, @PASIPHAE II)

OpenFlow-compliant Topology Management for SDN-enabled Information Centric Networks
Mr. George Petropoulos; Dr. Konstantinos V. Katsaros; Ms. Maria-Evgenia Xezonaki

Design and Implementation of a Packet-in Buffer System for SDN Switches
Prof. Shie-Yuan Wang; Mr. Chun-Hao Chang; Ms. Yi-Hsuan Hsieh; Dr. Chih-Liang Chou

Performance Evaluation of OpenFlow Scheduled Bundles for Consistent Updates
Prof. Shie-Yuan Wang; Mr. Chen Jhong; Dr. Chih-Liang Chou

CRAFT: A Cache Reduction Architecture for Flow Tables in Software-Defined Networks
Prof. Xianfeng Li; Mr. Wencong Xie

s6.5: Mobile and Crowd Sensing (15:30-17:00, @APOLLON)

A Path-based Recommendations Approach for Online Systems via Hyperbolic Network Embedding
Mr. Nikolaos Papadis; Ms. Eleni G Stai; Dr. Vasileios A Karyotis

PIE: A Personalized Incentive for Location-aware Mobile Crowd Sensing
Mr. Yao Wu; Mr. Yuncheng Wu; Mr. Juru Zeng; Ms. Hong Chen; Prof. Cuiping Li

Planning and Execution of Heterogeneous Service Compositions

Mr. Alexis Huf; Mr. Ivan Salvadori; Prof. Frank Siqueira

Competence-based Mobile Community Response Networks

Mr. Danilo Hasse; Prof. Rebecca Montanari; Dr. Luca Foschini; Mr. Carlos Roberto De Rolt; Mr. Fernando Gauthier

k3.2 Keynote #3 (17:00-18:00, @MINOS II)

Performance, Energy and Thermal Aware Algorithms for Hybrid Multicore Processors

Prof. Sanjay Ranka, University of Florida, USA

Day 4, Thu, July 6, 2017

k4.2 Keynote #4 (09:00-10:00, @MINOS II)

NOMA-A Paradigm Shift in Multiple Access for Next Generation Wireless Networks

Prof. Zhiguo Ding, Lancaster University, UK

Coffee Break (10:00-10:30)

s7.1: Security, Crypto and Privacy VI (10:30-12:15, @MINOS I)

Efficient Attack Plan Recognition Using Automated Planning

Mr. Adam Amos-Binks; Mr. Joshua Clark; Mr. Kirk Weston; Mr. Michael Winters; Prof. Khaled Harfoush

Realizing Software Vault on Android Through Information-Flow Control

Prof. Rudrapatna K Shyamasundar; Dr. Nelabhotla Narendra Kumar; Ms. Priyanka Teltumde

Mitigating the ACK Counterfeiting Attack in Delay and Disruption Tolerant Networks

Mr. Juliano Fischer Naves; Prof. Igor Monteiro Moraes

Security in Heterogeneous Distributed Storage Systems: a Practically Achievable Information-Theoretic Approach

Dr. Marco Baldi; Prof. Franco Chiaraluce; Ms. Linda Senigagliesi; Prof. Luca Spalazzi; Dr. Francesco Spegni

Randomness Testing and Comparison of Classical and Quantum Bit Generators

Prof. Serdar Boztas; Prof. Benjamin Burton

s7.2: QoS, QoE, and Resource Management III (10:30-12:15, @MINOS II)

Delay-Sensitive Resource Allocation for Relay-Aided M2M Communication over LTE-Advanced Networks

Mr. Mohammad Reza Mardani; Mr. Salman Mohebi; Dr. Behrouz Maham; Dr. Mehdi Bennis

SloMo: An Implicit Cross-Layer Mechanism for a Better Experience on Mobile Networks

Dr. William Diego; Dr. Isabelle Hamchaoui; Dr. Fabrice M. Guillemin

Improving Video Content Access with Proactive D2D Caching and Online Social Networking

Mr. Fausto Moraes; Prof. Kleber V Cardoso; Prof. Vinicius Cunha Martins Borges

Routing Algorithm with Smart Energy Management on VCSEL Interconnected Networks

Mr. Ilias Gravalos; Mr. Apostolos Siokis; Mr. Panagiotis Kokkinos; Prof. Emmanouel Varvarigos

New Efficient Energy-Saving Techniques for Resource Allocation in Downlink OFDMA Transmission Systems

Prof. Joumana Farah; Mr. Elie Sfeir; Dr. Charbel Abdel Nour; Prof. Catherine Douillard

s7.3: Vehicular Networks II (10:30-12:15, @PASIPHAE I)

Measurement and Comparison of Sub-1GHz and IEEE 802.11p in Vehicular Networks

Mr. Jingbang Wu; Prof. Huimei Lu; Prof. Yong Xiang

SuPRANO: On the Localization of T11 in Hostile Environments: a Semi-Supervised Manifold Learning Technique

Mr. Ahmed Soua; Mr. Ridha Soua

D-Hop: a Dynamic and Distributed Protocol for Vehicle Routing

Ms. Mariana Ramos de Brito; Dr. Fatima de Lima Procopio Duarte-Figueiredo

LEPR: Link Stability Estimation-based Preemptive Routing Protocol for Flying Ad Hoc Networks

Prof. Xianfeng Li; Ms. Jiaojiao Yan

Efficient Encounter-based Event Dissemination Protocol (E-BED) for Urban and Highway Vehicular Ad Hoc Networks

Mr. Tomo Nikolovski; Dr. Richard W. Pazzi; Mr. Ademar Takeo Akabane; Prof. Leandro Aparecido Villas

s7.4: Wireless, Cellular, and Mobile Communications (10:30-12:15, @PASIPHAE II)

Centralized and Distributed RRH Clustering in Cloud Radio Access Networks

Mr. Hussein Taleb; Ms. Kinda Khawam; Mr. Samer Lahoud; Dr. Melhem El Helou; Prof. Steven Martin

Understanding the Role of Mobility in Real Mobile Ad-Hoc Networks Connectivity

Mr. Leonardo Cotta; Prof. Pedro O. S. Vaz de Melo; Dr. Antonio A.F. Loureiro

Outage Performance Analysis of Multicarrier Relay Selection for Cooperative Networks

Mr. Shuping Dang; Prof. Justin P Coon; Dr. Gaojie Chen; Mr. David Simmons

iScan: Efficient WiFi Scan for Mobile Device Based on Client and Network Behavior Learning

Mr. Xiaokang Sang; Ms. Qian Wu; Prof. Hewu Li

t9.5 Tutorial #4, Session I (10:30-12:15, @APOLLON)

Demand Response in Smart Grids: a Cooperative Perspective
John Vardakas, Iquadrat Informatica S.L., Spain and Christos Verikoukis, Telecommunications Technological Centre of Catalonia, Spain

Lunch Break (12:15-13:45)

s8.1: Smart and Distributed Systems (13:45-15:30, @MINOS I)

FMR-PDP: Flexible Multiple-Replica Provable Data Possession in Cloud Storage
Ms. Limin Li; Prof. Yahui Yang; Mr. Zhonghai Wu

A Method of Eco-Driving Based on Intra-Vehicular Sensor Data
Mr. Paulo Henrique Rettore; Mr. André Campolina; Prof. Leandro Aparecido Villas; Dr. Antonio A.F. Loureiro

Virtual Tether Search: a Self-Constraining Search Algorithm for Swarms in an Open Ocean
Dr. Sherif Tolba; Dr. Reda Ammar

EAalo: Enhanced Coflow Scheduling Without Prior Knowledge in a Datacenter Network
Mr. Zhaogeng Li; Prof. Jun Bi; Ms. Yiran Zhang; Mr. Chuang Wang

Design and Analysis of A New Distributed Scheduling Approach
Mr. Wenzhuo Li; Prof. Chuang Lin; Mr. Chao Xue

s8.2: Big Data and Data Mining II (13:45-15:30, @MINOS II)

How to Enable Clinical Workflows to Integrate Big Healthcare Data
Mr. Lorenzo Carnevale; Dr. Antonio Celesti; Dr. Maria Fazio; Mr. Placido Bramanti; Prof. Massimo Villari

Changing IP Geolocation from Arbitrary Database Query Towards Multi-Databases Fusion
Dr. Han Li; Dr. Pei Zhang; Mr. Zhanfeng Wang; Mr. Fei Du; Mr. Ye Kuang; Ms. Ying An

iDPL: A Scalable and Flexible Inter-continental Testbed for Data Placement Research and Experiment
Mr. Guang Wei; Dr. Hailong Yang; Dr. Zhongzhi Luan; Mr. Depei Qian

Data Mining Approach for Estimating Cloud-Covered Areas in MODIS Satellite Images
Mr. Mahdi Saleh; Mr. Sami Serbey; Ms. Bouchra Fahs

Improving Collaborative Filtering's Rating Prediction Quality in Dense Datasets, by Pruning Old Ratings
Dr. Dionisis Margaris; Prof. Costas Vassilakis

s8.3: IoT and Wireless Sensor Networks III (13:45-15:30, @PASIPHAE I)

Efficient IoT Data Aggregation for Connected Health Applications
Mr. Konstantinos Karamitsios; Prof. Theofanis G. Orphanoudakis

Comparison of CoAP and CoCoA+ Congestion Control Mechanisms for Different IoT Application Scenarios
Dr. Emilio Ancillotti; Mr. Raffaele Bruno

LiteSense: An Adaptive Sensing Scheme for WSNs
Dr. João Marco C. Silva; Dr. Kalil A Bispo; Prof. Paulo Carvalho; Prof. Solange Rito Lima

Analytical Model for Adaptive QoS Management at the Middleware Level in IoT
Mr. Yassine Banouar; Mr. Thierry Monteil; Prof. Christophe Chassot

Lightweight & Secure Industrial IoT Communications via the MQ Telemetry Transport Protocol
Mr. Sotirios Katsikeas; Dr. Konstantinos Fysarakis; Mr. Andreas Miaoudakis; Mr. Amaury Van Bemten; Dr. Ioannis Askoxylakis; Mr. Ioannis Papaefstathiou; Mr. Anargyros Plemenos

s8.4: Social Networks and Cloud Sourcing (13:45-15:30, @PASIPHAE II)

Performance Evaluation of WiFi Direct for Data Dissemination in Mobile Social Networks
Mr. Zhifei Mao; Ms. Jing Ma; Prof. Yuming Jiang; Mr. Bin Yao

From Online to Offline: Charactering User's Online Music Listening Behavior for Efficacious Offline Radio Program Arrangement
Mr. Tao Qin; Mr. Yukun Liu; Dr. Chenxu Wang; Mr. Tao Yang; Mr. Chao He

Spam Comments Detection with Self-Extensible Dictionary and Text-Based Features
Mr. Qiang Zhang; Mr. Chenwei Liu; Mr. Shangru Zhong; Prof. Kai Lei

Opinion Dynamics: A Study of the Relation Between Status and Communicability
Ms. Cristhiana C Albert; Prof. Luiz Paulo de Oliveira; Dr. Marta Becker Villamil

t10.5 Tutorial #4, Session II (13:45-15:30, @APOLLON)

Demand Response in Smart Grids: a Cooperative Perspective
John Vardakas, Iquadrat Informatica S.L., Spain and Christos Verikoukis, Telecommunications Technological Centre of Catalonia, Spain

Coffee Break (15:30-16:00)

s9.1: Security, Crypto and Privacy VII (16:00-17:45, @MINOS I)

Privacy Preserving Clustering over Horizontal and Vertical Partitioned Data
Dr. Mina Sheikhalishahi; Dr. Fabio Martinelli

Bayesian Diagnosis and Reliability Analysis of Private Mobile Radio Networks
Ms. Salma Ktari; Dr. Stefano Secci; Mr. Damien Lavaux

Secure Self-Seeding with Power-Up SRAM States
Mr. Konrad-Felix Krentz; Prof. Christoph Meinel; Mr. Hendrik Graupner
An Effective Stackelberg Game for High-Assurance of Data Trustworthiness in WSNs
Dr. Mohamed S. Abdalzaher; Dr. Karim G Seddik; Dr. Osamu Muta
Non-Recursive Computation of the Probability of More than Two People Having the Same Birthday
Dr. Michael E. Kounavis; Mr. Sergej Deutsch; Mr. David Durham; Mrs. Saeedeh Komijani

s9.2: QoS, QoE, and Resource Management IV (16:00-17:45, @MINOS II)

Understanding Viewing Engagement and Video Quality in a Large-scale Mobile Video System
Mr. Zitao Chen; Prof. Laizhong Cui; Mr. Yong Jiang; Dr. Zhi Wang
Robust Traffic Differentiation with Intra-AC Prioritization in Multirate IEEE 802.11aa Networks
Mr. Lukasz Prasnal; Dr. Marek Natkaniec
Uncertainty-driven Ensemble Forecasting of QoS in Software Defined Networks
Dr. Kostas Kolomvatsos; Dr. Christos Anagnostopoulos; Dr. Angelos K. Marnerides; Prof. Qiang Ni; Prof. Stathes Hadjiefthymiades; Dr. Dimitrios P Pezaros
Masking Lossy Networks by TCP Tunnel with Network Coding
Dr. Nguyen Viet Ha; Ms. Kazumi Kumazoe; Dr. Kazuya Tsukamoto; Prof. Masato Tsuru
On Minimizing Memory and Computation Overheads for Binary-Tree Based Data Replication
Dr. Stavros Souravlas; Prof. Angelo Sifaleras

s9.3: IoT and Wireless Sensor Networks IV (16:00-17:45, @PASIPHAE I)

ST-Drop: A Novel Buffer Management Strategy for D2D Opportunistic Networks
Mr. Michael Silva; Mr. Ivan Nunes; Mrs. Raquel A. F. Mini; Dr. Antonio A.F. Loureiro
Construction of a Minimum Energy Broadcast Backbone with Bounded Delay in Heterogeneous Wireless Sensor Networks
Mrs. Karla Breschi; Mr. Julien Bernard
On the Optimal Number of Chargers in Battery-Less Wirelessly Powered Sensor Networks
Dr. Dimitrios Zorbas; Dr. Patrice Raveneau; Prof. Yacine Ghamri-Doudane; Prof. Christos Douligeris
Extracting Usage Patterns of Home IoT Devices
Mr. Gevorg Poghosyan; Dr. Ioannis Pefkianakis; Mr. Pascal Le Guyadec; Dr. Vassilis Christophides
Wireless Sensor Networks for Monitoring Gas Turbine Engines During Development
Mr. Hassan Hakim Khalili; Mr. Peter Green; Mr. Danielle George; Mr. Graham Watson; Dr. Werner Schiffers

s9.4: SDN and Overlay Networks III (16:00-17:45, @PASIPHAE II)

Worst-Case Attacker Models for Two-Layered Networks Based on the Minimum Overlay Cut
Mr. Martin Backhaus; Prof. Guenter Schaefer
Experimental Evaluation of SDN-Controlled, Joint Consolidation of Policies and Virtual Machines
Mr. Wajdi Hajji; Dr. Fung Po Tso; Dr. Lin Cui; Dr. Dimitrios P Pezaros
A Programmable Controller for Unified Management of Virtualized Network Infrastructures
Mr. Mohamad Yassin; Dr. Karine Guillouard; Dr. Meryem Ouzzif; Mr. Roland Picard; Mr. Denis Aluze
Mitigating Elephant Flows in SDN-Based IXP Networks
Mr. Luis Knob; Mr. Rafael Esteves; Dr. Lisandro Z Granville; Dr. Liane Margarida Rockenbach Tarouco
SDN Management Based on Hierarchical Task Network and Network Functions Virtualization
Mr. Mario Gironza-Ceron; Mr. William Villota-Jacome; Mr. Armando Ordonez; Mr. Felipe Estrada-Solano; Mr. Oscar Mauricio Caicedo Rendon

s9.5: Sound Image and Signal Processing (16:00-17:45, @APOLLON)

A Novel Framework for Enhancement of the Low Lighting Video
Mr. Jianhua Pang; Mr. Sheng Zhang; Mr. Wencang Bai
Reconfigurable Underwater Embedded Systems Architectures
Mr. Hussain Albarakati; Dr. Abdelfattah Amamra; Dr. Raafat Elfouly; Dr. Reda Ammar
Random Sparse Representation for Thermal to Visible Face Recognition
Ms. Samira Reihanian; Dr. Ehsan Arbabi; Dr. Behrouz Maham

Closing (17:45-18:00)



ISCC2017 Program Overview

Mon, Jul 03

	MINOS I	MINOS II	PASI-PHAE I	PASI-PHAE II	APOLLON
9:00	DEN VECT	ISUT	PEDI SWESA	ICTS4 eHeath	Tutorial #1
10:00					
11:00	Coffee Break				
12:00	DEN VECT	ISUT	PEDI SWESA	ICTS4 eHeath	Tutorial #1
13:00	Lunch Break				
14:00	Smart IoT			ICTS4 eHeath	Tutorial #1
15:00					
16:00	Coffee Break				
17:00	Smart IoT			ICTS4 eHeath	Tutorial #1
18:00					
19:00					
20:00	Welcome Drink 				
21:00					
22:00					

Tue, Jul 04

	MINOS I	MINOS II	PASI-PHAE I	PASI-PHAE II	APOLLON
9:00	Welcome				
	KEY NOTE #1				
10:00	Coffee Break				
11:00	S1.1	S1.2	S1.3	S1.4	Tutorial #2
12:00	Lunch Break				
13:00					
14:00	S2.1	S2.2	S2.3	S2.4	Tutorial #2
15:00	Coffee Break				
16:00	S3.1	S3.2	S3.3	S3.4	S3.5
17:00					
18:00	Visit to Knossos 				
19:00					
20:00	Gala Diner  				
21:00					
22:00					

Wed, Jul 05

	MINOS I	MINOS II	PASI-PHAE I	PASI-PHAE II	APOLLON
9:00	KEY NOTE #2				
10:00	Coffee Break				
11:00	S4.1	S4.2	S4.3	S4.4	Tutorial #3
12:00	Lunch Break				
13:00					
14:00	S5.1	S5.2	S5.3	S5.4	Tutorial #3
15:00	Coffee Break				
16:00	S6.1	S6.2	S6.3	S6.4	S6.5
17:00	KEY NOTE #3				
18:00					
19:00					
20:00					
21:00					
22:00					

Thu, Jul 06

	MINOS I	MINOS II	PASI-PHAE I	PASI-PHAE II	APOLLON
9:00	KEY NOTE #4				
10:00	Coffee Break				
11:00	S7.1	S7.2	S7.3	S7.4	Tutorial #4
12:00	Lunch Break				
13:00					
14:00	S8.1	S8.2	S8.3	S8.4	Tutorial #4
15:00	Coffee Break				
16:00	S9.1	S9.2	S9.3	S9.4	S9.5
17:00					
18:00					
19:00					
20:00					
21:00					
22:00					