Dear Colleagues:
[Apologies for multiple receptions of this CFP] Call For Papers
===
The 12th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS 2019) July 14-July 17, 2019, Atlanta, USA

http://cse.stfx.ca/~cybermatics/2019/spaccs/

All accepted papers will be published by Springer LNCS (EI Indexed). Best Paper Awards will be presented to high quality papers. Distinguished papers, after further revisions, will be be published in 10+ SCI & EI indexed special issues (confirmed).
1. ACM Transactions on Internet Technology Special Issue on Decentralized Blockchain Applications and Infrastructures for Next Generation Cyber-Physical Systems https://toit.acm.org/pdf/ACM-ToIT-CfP-Decentralized_Blockchain_Applications.pdf
Publisher: ACM, IF = 1.727
2. IEEE Transactions on Network Science and Engineering Special Issue: Blockchain in Future Networks and Vertical Industries
Publisher: IEEE
3. IET Cyber-Physical Systems: Theory & Applications Special Issue: Advanced Technologies for Cyber Physical Systems
Publisher: IET
4. IEEE Access
Special Section on Deep Learning: Security and Forensics Research Advances and Challenges
https://ieeeaccess.ieee.org/special-sections/deep-learning-security-and-forensics-research-advances-and-challenges
Publisher: IEEE, IF = 3.557
5. Transactions on Blockchain Technology and Applications http://vdlt.io/tIndex.html Special Issue: Advances in Blockchain and Internet-of-Things 6. Digital Communications and Networks Special Issue: TBD
Publisher: Elsevier, SCI indexed in 2019 7. Sensors Special Issue: IoT-Enabled Sensor Networks: Vision and Challenges https://www.mdpi.com/journal/sensors/special_issues/IoT_SensorNet
Publisher: MDPI, IF = 2.475
8. Remote Sensing
Special Issue: Intelligence Computing Paradigms with Remote Sensing Networks in Water Hydrology
https://www.mdpi.com/journal/remotesensing/special_issues/water_Computational
Publisher: MDPI, IF = 3.406
9. Journal of Systems Architecture
Special Issue: Dependable Cyber Physical Systems (SI: DCPS19)
https://www.journals.elsevier.com/journal-of-systems-architecture/call-for-papers/special-issue-on-dependable-cyber-physical-systems-sidcps19
Publisher: Elsevier, IF = 0.913
10. EURASIP Journal on Wireless Communications and Networking Special Issue: Human-centered Computing in Cloud / Edge / Fog https://jwcn-eurasipjournals.springeropen.com/human-centered-computing
Publisher: Springer, IF = 2.407

11. EURASIP Journal on Wireless Communications and Networking Special Issue: Multi-modal Sensor Data Fusion in Internet of Things https://jwcn-eurasipjournals.springeropen.com/multi-modal-sensor
Publisher: Springer, IF = 2.407

* More special issues will be added later.
==
The 2019 International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS 2019) is the 12th event in the series of conferences which are devoted to security, privacy and anonymity in computation, communication and storage. SpaCCS is now recognized as the main regular event of the world that is covering many dimensions including security algorithms and architectures, privacy-aware policies, regulations and techniques, anonymous computation and communication, encompassing fundamental theoretical approaches, practical experimental projects, and commercial application systems for computation, communication and storage. As applications of computer systems and networks have permeated in every aspect of our daily life, the issues of security, privacy, and anonymity have become increasingly critical. The conference will provide a forum for the world-class researchers to gather and share their research achievements, emerging ideas and trends in the highly challenging research fields.

==================
Important Dates
==================
Workshop/Special Session Proposal Due: January 15, 2019 Paper Submission Deadline: March 15, 2019 Authors Notification Date: April 15, 2019 Final Manuscript Due: May 15, 2019 Conference Date: July 14 - July 17, 2019

==================
Topics of interest include, but are not limited to
==================
Track 1: Security
1.1 Computation
-Security Model and Architecture
- Software and System Security
- Secure computation
- Security in Cloud/Fog/Edge Computing and Pervasive/Ubiquitous Computing
- Artificial Intelligence
- Secure Network Computing
- Risk Analysis and Management
1.2 Communication
- Network Security
- Malware and Botnets
- Intrusion Detection
- Security in Web Services
- Security in Mobile Social Networks
- Security in Mobile and Wireless Communications
- Fraud and Cyber- Crime
1.3 Storage
- Access Control

- Accounting and Audit
- Applied Cryptography
- Database Security
- Authentication
- Computer forensics
- Data Protection and Data Integrity
- Digital Content Protection and Digital Forensics
- Information Hiding
- Security in Big Data and its Applications

Track 2: Privacy
2.1 Computation
- Measuring and Quantifying Privacy
- Privacy Modelling and Analysis
- Software and System Privacy
- Privacy-preserving Computing
- Differential Privacy
- Blockchain-based Computation
- Privacy-enhanced Network Computing
- Obfuscation-based Privacy
- Cryptographic Tools
- Building and Deploying Privacy-enhancing Systems
- Reliability, Robustness, and Abuse Prevention in Privacy Systems
2.2 Communication
- Privacy in Web Services
- Privacy Metrics and Policies
- Crowdsourcing for Privacy
- Location and Mobility Privacy
- Privacy in Cloud and Big Data Applications
- Blockchain-based Communication
- Quantum Communications
- Privacy in Ubiquitous Computing and Mobile Devices
- Privacy in Social Networks and Microblogging Systems
- Privacy-enhanced Access Control, Authentication, and Identity Management
2.3 Storage
- Data Protection Technologies
- Privacy in Big Data and its Applications
- Policy Languages and Tools for Privacy
- Privacy and Human Rights
- Blockchain-based Storage
- Interdisciplinary Research Connecting Privacy to Other Fields
- Privacy in Cloud Computing and Pervasive/Ubiquitous Computing
- Information Leakage, Data Correlation and Generic Attacks to Privacy
- Privacy-Preserving Data Mining, Data Release and Publishing

Track 3: Anonymity
3.1 Computation
- Anonymous Data Mining and Data Sharing
- Parallelism Exploitation Techniques for Anonymity
- Anonymity in Big Data Analytics

- Anonymous Management in Trust Relationships
- Anonymous Video Analytics Technology
- Anonymity Metrics, Measures and Evaluations
- Anonymity Models, Hardware/Device of Anonymity
3.2 Communication
- Anonymity in Wireless Communication Systems
- Anonymous Communication Protocols
- Anonymity in Mobile, Ad Hoc, and Wireless Sensor Networks
- Anonymous Proxy Software
- Anonymous Communication and Internet
- Anonymous Social Networks, Structural k-Anonymity in Social Networks
- Authentication Protocol Providing User Anonymity
3.3 Storage
- Anonymous Information Storage and Management
- Private and Anonymous Data Storage
- Forensics
- Anonymity-Preserving Data Collection and Database
- Anonymity, Pseudonymity & Identity Management
- Anonymity in Big Data and Cloud Scenarios
- Anonymity in Health and Medical Databases

==================
Paper Submission
==================
All papers need to be submitted electronically through the conference website (https://edas.info/N25666) with PDF format. Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers must be clearly presented in English, must not exceed 14 pages (or up to 20 pages with the pages over length charge) in Springer LNCS format (https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines), including tables, figures, references and appendices. Papers will be selected based on their originality, significance, relevance, and clarity of presentation assessed by at least three reviewers. Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work.

==================
Organizing Committee
==================
General Chairs
- Kim-Kwang Raymond Choo, University of Texas at San Antonio, USA
- Mark Last, Ben-Gurion University of the Negev, Israel
- Yanqing Zhang, Georgia State University, USA

Program Chairs
- Md Zakirul Alam Bhuiyan, Fordham University, USA
- Jun Feng, St Francis Xavier University, Canada
- Rongxing Lu, University of New Brunswick, Canada

Workshop Chair
- Wm. Bradley Glisson, Sam Houston State University, USA

Publicity Chairs
- Peter Mueller, IBM Zurich Research Laboratory, Switzerland
- Reza M. Parizi, Kennesaw State University, USA
- Yogachandran Rahulamathavan, Loughborough University London, UK

Local Chair
- Yubao Wu, Georgia State University, USA

Web Chairs
- Zihao Jiang, St. Francis Xavier University, Canada
- Xin Nie, Huazhong University of Science and Technology, China

Steering Committee
- Guojun Wang, Guangzhou University, China (Chair)
- Gregorio Martinez, University of Murcia, Spain (Chair)
- Jemal H. Abawajy, Deakin University, Australia
- Jose M. Alcaraz Calero, University of the West of Scotland, UK
- Jiannong Cao, Hong Kong Polytechnic University, Hong Kong
- Hsiao-Hwa Chen, National Cheng Kung University, Taiwan
- Jinjun Chen, University of Technology Sydney, Australia
- Kim-Kwang Raymond Choo, University of Texas at San Antonio, USA
- Robert Deng, Singapore Management University, Singapore
- Mario Freire, The University of Beira Interior, Portuga
- Minyi Guo, Shanghai Jiao Tong University, China
- Weijia Jia, Shanghai Jiao Tong University, China
- Wei Jie, University of West London, UK
- Georgios Kambourakis, University of the Aegean, Greece
- Ryan Ko, University of Waikato, New Zealand
- Constantinos Kolias, George Mason University, USA
- Jianbin Li, Central South University, China
- Jie Li, University of Tsukuba, Japan
- Jianhua Ma, Hosei University, Japan
- Felix Gomez Marmol, University of Murcia, Spain
- Geyong Min, University of Exeter, UK
- Peter Mueller, IBM Zurich Research Laboratory, Switzerland
- Indrakshi Ray, Colorado State University, USA
- Kouichi Sakurai, Kyushu University, Japan
- Juan E. Tapiador, The University Carlos III of Madrid, Spain
- Sabu M. Thampi, Indian Institute of Information Technology and Management, India
- Jie Wu, Temple University, USA
- Yang Xiao, The University of Alabama, USA
- Yang Xiang, Swinburne University of Technology, Australia
- Zheng Yan, Aalto University, Finland

- Laurence T. Yang, St. Francis Xavier University, Canada
- Wanlei Zhou, University of Technology Sydney, Australia

--
Dr. Jun Feng
St. Francis Xavier University
Huazhong University of Science and Technology
Mobile: +86-18827365073
E-Mail: junfeng989@gmail.com, 512675288@qq.com
WeChat: junfeng10001000

_____

IEEE Communications Society Tech. Committee on Computer Communications
http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Chunyu Ai <aic@USCUPSTATE.EDU>
Sent:	March 13, 2019 10:34 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] CFP: IEEE Transactions on Network Science and Engineering Special Issue on Edge computing for Internet of Things

CALL FOR PAPERS
IEEE Transactions on Network Science and Engineering Special Issue on Edge computing for Internet of Things

GUEST EDITORS:
Qiang Ye (Lead), Dalhousie University, Canada. Email: qye@cs.dal.ca M. Jamal Deen, McMaster University, Canada. Email: jamal@mcmaster.ca Antonio Puliafito, University of Messina, Italy. Email: apuliafito@unime.it Lin Zhang, Beihang University, China. Email: zhanglin@buaa.edu.cn

TOPIC SUMMARY:
The Internet of Things (IoT) are expected to improve the quality of human lives through billions of Internet-based devices. To satisfy the computation and storage requirements of IoT, cloud computing has served as the most important computing infrastructure. However, with the explosion of the number of devices in IoT (expected to reach 50 billion by 2020), a large volume of raw data will be continuously generated by IoT devices, consequently making cloud computing inadequate to efficiently and securely handle the data. In particular, cloud computing will be highly limited in terms of network bandwidth and privacy protection in IoT. To solve this problem, many researchers have attempted to move data computation and service provisioning from the cloud to the edge, which results in the area of edge computing and the related fog computing. Early-stage research has indicated that edge computing could potentially enable IoT applications to meet their latency/delay requirements, improve the scalability and energy efficiency of IoT systems, and facilitate contextual information processing. Nevertheless, a series of challenging problems need to be addressed in order to fully utilize edge computing for IoT. For instance, most of the computation resources in edge computing are heterogeneous mobile devices that are highly energy-hungry, which means that edge computing tends to be unreliable. Moreover, how to efficiently distribute computation/data storage and how to combine edge computing with cloud computing in order to provide scalable services need to be further studied. In addition, how to support services without compromising privacy and security is a challenging problem in edge computing. This special issue aims to provide a prime venue for researchers from both academia and industry to discuss the key problems and present the innovative solutions in the area of edge computing for IoT.
The topics of interest include, but are not limited to:
• Edge/Fog computing architecture for IoT • Modeling and performance analysis of edge computing for IoT • Communication and networking technologies in edge computing for IoT • Mobile computing resource management in edge computing for IoT • Machine learning and deep learning in edge computing for IoT • QoS and QoE provisioning in edge computing for IoT • Trust, security and privacy in edge computing for IoT • Energy management in edge computing for IoT • Collaboration of edge computing and cloud computing for IoT • Experiences in delivering edge/fog-based services • Open issues and challenges in edge computing for IoT

IMPORTANT DATES:
• Manuscripts due: 04/01/2019
• Peer reviews to authors: 07/01/2019
• Revised manuscripts due: 08/01/2019
• Second-round reviews to authors: 10/01/2019 • Final accepted manuscript due: 10/31/2019
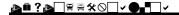
SUBMISSION GUIDELINES:
Prospective authors are invited to submit their manuscripts electronically before the submission due date, adhering to the IEEE Transactions on Network Science and Engineering guidelines (https://www.computer.org/csdl/journal/tn).

Please submit your papers through the online system (https://mc.manuscriptcentral.com/TNSE-cs) and be sure to select the special issue or special section name. Manuscripts should not be published or currently submitted for publication elsewhere. Please submit only full papers intended for review, not abstracts, to the ScholarOne portal. If requested, abstracts should be sent by e-mail to the Guest Editors directly.

_____

From:	Qin Liu <gracelq628@126.COM>
Sent:	March 13, 2019 9:20 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] TrustData 2019 CFP: Deadline Extended to March 31

****
We apologize if you receive multiple copies of this TrustData 2019 CFP.
We appreciate your great help if you forward this TrustData 2019 CFP to your colleages and friends.
****
Call for Papers for the 10th International Workshop on Trust, Security and Privacy for Big Data (TrustData 2019)

Venue & Dates:
Atlanta, USA, July 14-17, 2019
Conference Website:
http://www.spaccs.org/trustdata2019/

Introduction
The proliferation of new technologies such as Internet of Things and cloud computing calls for innovative ideas to

retrieve, filter, and integrate data from a large number of diverse data sources. Big Data is an emerging paradigm

applied to datasets whose volume/velocity/variability is beyond the ability of commonly used software tools to

manage and process the data within a tolerable period of time. More importantly, Big Data has to be of high value,

and should be protected in an efficient way. Since Big Data involves a huge amount of data that is of high-

dimensionality and inter-linkage, existing trust, security, and privacy measures for traditional databases and

infrastructures cannot satisfy its requirements. Novel technologies for protecting Big Data are attracting

researchers and practitioners with more and more attention.

Scope and Interests
TrustData2019 is a part of SpaCCS 2019 (http://cse.stfx.ca/~cybermatics/2019/spaccs/), 12th International

Conference on Security, Privacy and Anonymity in Computation, Communication and Storage. Topics of interest

include, but are not limited to:

Trust Track
(1) Trust semantics, metrics, and models for Big Data
(2) Trust management and evaluation for Big Data
(3) Trusted systems, software, and applications for Big Data
(4) Trusted platform implementation technologies for Big Data
(5) Information quality/trustworthiness for Big Data
(6) Provenance of content for Big Data
(7) Trustworthiness of ratings/recommender systems for Big Data

Security Track
(1) Security model and architecture for Big Data
(2) Data mining security for Big Data
(3) Software and system secur!
 ity for Big Data
(4) Intrusion detection for Gigabit Networks
(5) Cryptography and Big Data
(6) Visualizing large scale security data
(7) Threat detection using Big Data analytics
(8) Human computer interaction challenges for Big Data security
(9) Data protection, integrity standards and policies
(10) Security and legislative impacts for Big Data
(11) Managing user access for Big Data
(12) Secure quantum communications

Privacy Track
(1) Privacy in Big Data applications and services
(2) Privacy in Big Data end-point input validation and filtering
(3) Privacy in Big Data integration and transformation
(4) Privacy in parallel and distributed computation
(5) Privacy in Big Data storage management
(6) Privacy in Big Data access control mechanisms
(7) Privacy in Big Data mining and analytics
(8) Privacy in Big Data sharing and visualization
(9) Big Data privacy policies and standards

Submission and Publication Information
The accepted papers from this workshop will be published by Springer Lecture Notes in Computer Science (EI

indexed). Submitted papers must not substantially overlap with papers that have been published or that are

simultaneously submitted to a journal or a conference with proceedings. Papers must be clearly presented in

English, must not exceed 10 pages (or 14 pages with the over length charge), including tables, figures,

references and appendixes, in Springer LNCS Format (http://www.springer.com/cn/computer-science/lncs/conference-

proceedings-guidelines) with Portable Document Format (.pdf). Please submit your paper at

https://www.easychair.org/conferences/?conf=trustdata2019. Authors (at least one) of any accepted paper are

requested to register at the conference.

Important Dates
Paper Submission Deadline: March 31, 2019
Author Notification: April 15, 2019
Camera-Ready Paper Due: May 15, 2019
Conference Dates: July 14-17, 2019

General C!
 hairs
Qin Liu, Hunan University, China
Arun Kumar Sangaiah, VIT University, India Wei Chang, Saint Joseph's University, USA

Program Chairs
Jiankun Hu, University of New South Wales at the Australian, Australia Isaac Agudo, University of Malaga, Spain

Program Committee (In alphabetical order) Habtamu Abie, Norwegian Computing Center/Norsk Regnesentral, Norway Salima Benbernou, Universite Paris Descartes, France Christian Callegari, The University of Pisa, Italy Wei Chang, Saint Joseph's University, USA Anupam Chattopadhyay, Nanyang Technological University, Singapore John A. Clark, University of York, UK Alfredo Cuzzocrea, University of Trieste and ICAR-CNR, Italy Sabrina De Capitani di Vimercati, Università degli Studi di Milano, Italy Yucong Duan, Hainan University, China Sheikh M. Habib, Technical University of Darmstadt, Germany Ching-Hsien Hsu, Chung Hua University, Taiwan Hai Jiang, Arkansas State University, USA Vana Kalogeraki, Athens University of Economics, Greece Ryan Ko, University of Waikato, New Zealand Ruggero Donida Labati, Università degli Studi di Milano, Italy Xin Liao, Hunan University, China Giovanni Livraga, Universita' degli Studi di Milano, Italy Haibing Lu, Santa Clara University, USA Joon S. Park, Syracuse University, USA Roberto Di Pietro, Nokia Bell Labs, France Vincenzo Piuri, Universita' degli Studi di Milano, Italy Imed Romdhani, Edinburgh Napier University, UK Bimal Roy, Indian Statistical Institute, India Jun Shen, University of Wollongong, Australia Dimitris E. Simos, SBA Research, Austria Chao Song, University of Electronic Science and Technology of China, China Chang-ai Sun, University of Science and Technology Beijing, China Yuanyuan Sun, Huazhong University of Science and Technology, China Luis Javier García Villalba, Universidad Complutense de Madrid, Spain Yunsheng Wang, Kettering University, USA Mingzhong Wang, University of the Sunshine Coast, Australia Yongdong Wu, I!
 nstitute for Infocomm Research, Singapore Hejun Wu, Sun Yat-Sen University, China Muneer Masadeh Bani Yassein, Jordan University of Science and Technology, Jordan Sherali Zeadally, University of Kentucky, USA

Publicity Chairs
Weiwei Chen, Hunan University, China

Bo Ou, Hunan University, China

Webmaster
Panlin Hou, Hunan University, China

Contact
Please email inquiries concerning TrustData 2019 to:
Qin Liu: gracelq AT 126 DOT com
LQ's new homepage:
Homepage: http://res.hnu.edu.cn/hbs/lq/

--
Dr. Qin Liu
College of Computer Science and Electronic Engineering Hunan University Changsha, Hunan Province,P.R. China, 410082
Mobile: +86-13548577157
Email: gracelq628@hnu.edu.cn; gracelq628@126.com
Homepage: http://res.hnu.edu.cn/hbs/lq/

_____

IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Cfp <cfp-bounces@ibr.cs.tu-bs.de> on behalf of Lars Wolf via Cfp <cfp@ibr.cs.tu-bs.de>
Sent:	March 13, 2019 12:58 PM
To:	cfp
Subject:	[cfp] Fwd: [TCCC-ANNOUNCE] The 6th International Conference on Internet of Vehicles Kaohsiung, Taiwan, Nov. 18-21, 2019

-------- Weitergeleitete Nachricht --------
Betreff: [TCCC-ANNOUNCE] The 6th International Conference on Internet of Vehicles Kaohsiung, Taiwan, Nov. 18-21, 2019
Datum: Thu, 14 Mar 2019 00:10:17 +0800
Von: Robert, Ching-Hsien Hsu <robertchh@GMAIL.COM> Antwort an: Robert, Ching-Hsien Hsu <robertchh@GMAIL.COM>
An: tccc-announce@COMSOC.ORG

IOV 2019
The 6th International Conference on Internet of Vehicles Kaohsiung, Taiwan, Nov. 18-21, 2019
http://www.cs.ccu.edu.tw/~conference/iov2019/

Dear Colleagues:

We cordially invite you to share your latest research results at the
2019 Internet of Vehicles (IOV) conference.

CALL FOR PAPERS

Internet of Vehicles (IOV) as an important part of the wisdom city is a complex integrated network system, which connects different people within automotives, different automotives and different environment entries in cities. IOV is different from Telematics, Vehicle Ad hoc Networks, and Intelligent Transportation, in which vehicles like phones can run within the whole network, and obtain various services by swarm intelligent computing with people, vehicles, and environments.

IOV 2019 is to establish an international forum for engineers and scientists to present their excellent ideas, latest innovations and experiences on Internet of Vehicles. We welcomes paper submissions on innovative work from researchers in academia, industry and government describing original research work, sharing the experience and insights, forecast the trends and opportunities, and discuss the policy, economics and social implications.

IOV 2019 will be held on Nov. 18-21, 2019, co-located with IEEE DataCom 2019, IEEE SOCA 2019 and IEEE SC2 2019, in Kaohsiung, Taiwan. Topics of interest include, but are not limited to:

- Vehicle Behavior Model and Environment Awareness
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Telematics, Wireless Communication Networks for IOV
- Services and applications of IOV
- Complex systems and systems-of-systems for IOV

- Theory, technology, methodology, tools and applications for IOV
- Wireless Communications and Vehicular Networking
- Vision-based driver assistance
- Computer vision for autonomous vehicles
- Mobile Internet, Mobility Internet and Internet of Things
- Transportation and Connected Vehicles
- Geographic, Spatial and Social Information Systems
- Practices, Recommendations and Standards in Connected Vehicles
- Policy, Economics and Social Implications
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Automotive Electronics and Automatic Control
- Computational modeling and methodology for Intelligent Mobility Cases/Studies
- Network Architecture for IOV
- Automotive Electronics and Automatic Control for IOV
- Swarm Intelligent Computing in IOV.
- Network and Information Services in IOV.
- Social Economics for Vehicle Platforms.
- IOV for Intelligent Transportation and Wisdom City
- Vehicular Social Network
- Modeling and Simulation for IOV
- Cloud computing for IOV
- Big Data for IOV
- Applications and Standards of IOV

PUBLICATION HIGHLIGHTS

Springer LNCS proceedings, indexed by - ISI Conference Proceedings Citation Index - Science (CPCI-S), included in ISI Web of Science
 - Scopus
 - EI Engineering Index
 - ACM Digital Library
 - dblp
 - Google Scholar

Extended version of the selected papers will be invited for publication in prestigious international journals.

IMPORTANT DATES

Tutorial/Workshop/Special Session Proposal Due: April 30, 2019

Research Article (early track):
Paper Submission
May 30, 2019
Author Notification
June 15, 2019

Research Article (regular track):
Paper Submission
July 20, 2019

Author Notification
August 31, 2019

Poster/Special Session:
Paper Submission
September 10, 2019
Author Notification
September 26, 2019

Registration Due:
October 10, 2019

Camera ready submission:
October 20, 2019

Official Invitation Letter will be issued upon completion of registration

----
SUBMISSION and PUBLICATION

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Papers should be prepared in LNCS format and submitted via the IOV 2019 submission site via The EasyChair system.

LNCS formatting information:
http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0
- Proposals for organizing tutorials, workshops and special sessions need to be submitted to the Workshops Chair of the conference. A proposal should include title, theme, scope and main presenters/organizers.

- Research paper (14 pages) should explore a specific technology problem and propose a complete solution to it, with experimental results.
- Works-in-Progess (WIP) (10 pages) papers are expected to present either work currently in progress or less developed but highly innovative ideas.
- Demo/Poster papers (6 pages) must describe working systems and be related to IOV. These systems may be innovative prototype implementations or mature systems that use related technology.
Papers/proposals need to be submitted to the Demo/Poster Chair.

- Workshop and Special Session papers need to be submitted to the corresponding workshops and special sessions Chairs.

ORGANIZING COMMITTEES

GENERAL CHAIRS
Chung-Ming Huang, National Cheng Kung University, Taiwan Andrzej M.J. Skulimowski, AGH University of Science and Technology, Poland

PROGRAM CHAIRS
Kun-Chan Lan, National Cheng Kung University, Taiwan Lyes Khoukhi, University of technology of Troyes, France

Workshop Chairs
Li Liu, Chongqing University, China

Demo & Poster Chair
Kuan-Chou Lai, National Taichung University, Taiwan

Publication Chair
Sondes Khemiri-Kallel, Université de Versailles St Quentin, France

Award Chair
Hui-Huang Hsu, Tamkang University,Taiwan

Publicity Chair
Daxin Tian, Beihang University, China
William Liu, Auckland University of Technology, New Zealand Carson Leung, University of Manitoba, Canada Min-Xiao Chen, National Dong Hua University, Taiwan

Advisory Committee
Mohammad Obaidat, Monmouth University, USA Chu-sing Yang, National Cheng Kung University, Taiwan Feng Xia, Dalian University of Technology, China Raouf Boutaba, University of Waterloo, Canada Peng Cheng, Zhejiang University, China Hsiao-Hwa Chen, National Cheng Kung University, Taiwan Sajal Das, Missouri University of Science and Technology, USA Wenzhong Guo, Fuzhou University, China

Steering Committee
Mohammed Atiquzzaman, University of Oklahoma, USA Jiannong Cao, The Hong Kong Polytechnic University, Hong Kong Robert Hsu, National Chung Cheng University, Taiwan Victor C. Leung, The U. of British Columbia, Canada Shangguang Wang, BUPT, China Reinhard Klette, Auckland University of Technology, New Zealand

From:	Mostafa Mirshekari <mmirshekari@CMU.EDU>
Sent:	March 13, 2019 12:20 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] ACM BuildSys 2019 - Nov. 13-14 - New York City - Call for Workshops

Dear Colleagues,

Every year, the ACM International Conference on Systems for Energy-Efficient Built Environments, Cities, and Transportation (ACM
BuildSys)
features co-located workshops on new trends or emerging topics of interest to the Buildsys research community. Continuing this trend, ACM Buildsys 2019 will include a limited number of high quality, half- or full-day workshops. These workshops are aimed at exploring in-depth topics related to the areas of built environment, cities, and transportation systems, broadly defined. These workshops will provide international forums for scientists, engineers, and users to exchange and share their new ideas, experiences, and research results. The proceedings of the workshop program will be published by ACM Digital Library along with the conference proceedings.

BuildSys 2019 Website: http://buildsys.acm.org/2019
<http://trackmyemails.org/bc2173cf8649e08c64cd41ff1ff37d48/096ebaf9fe84bfb3c45729333ad68d71/0c0fec9c3599c
8a7cd3314b498d26b79.html>

Submission
Buildsys 2019 Workshops will be co-located with ACM Sensys 2019 Workshops on November 10th, 2019. You are invited to submit a workshop proposal by April 20th, 2019 to the Workshop co-Chairs, which should contain the following information:

- Workshop title
- Main contact details
- Workshop organizers (including contact details)
- Workshop theme
- Intention for a half-day or full-day workshop
- Suitability to Buildsys audience
- Draft call for papers
- A tentative list of TPC members
- Expected number of submitted/accepted papers, papers sessions, keynotes, panels, etc.
- If appropriate, a description of the history of the workshop, including the number of submitted/accepted papers, the number of attendees, the format, etc.
- If the same (or similar) workshop was held in the past ACM Buildsys conference, what was the number of participants in each time?

Criteria
Decisions to accept/reject workshop proposals will be made by the Workshops co-Chairs in consultation with the Conference and Program Chair based on the overall quality and compatibility with the ACM Buildsys 2019 program.

The organizers of accepted workshops will be responsible for their own publicity (e.g. website and call for papers) as well as the reviewing and paper selection process. For the ACM Buildsys proceedings publication they need to comply with publication guidelines and timing of the conference.

They will be required to cooperate closely with the Workshops co-Chair and the ACM Buildsys 2019 local organizers to finalize all organizational details. Workshop registrations and payments will be made via the Conference registration system, and payments to the facilities will thus be taken care of by the local Buildsys organizers. In particular, local organizers may require that all workshops adhere to specific requirements regarding the general timetable, registration, and catering.

Important Dates
Proposal submission deadline: April 20th, 2019
Notification: April 28th, 2019

Please submit your proposal in PDF format via email directly to Semiha Ergan (semiha@nyu.edu <semiha@nyu.edu>) and Dan Wang (dan.wang@polyu.edu.hk <dan.wang@polyu.edu.hk>). Only complete proposals with all required information will be considered.

Regards,
Mostafa Mirshekari and Clayton Miller
BuildSys 2019 Publicity Chairs

_____

From:	Robert, Ching-Hsien Hsu <robertchh@GMAIL.COM>
Sent:	March 13, 2019 12:11 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] IEEE SC2 2019 - Kaohsiung, Taiwan, Nov. 18-21, 2019

IEEE SC2 2019 - Kaohsiung, Taiwan, Nov. 18-21, 2019

The 9th IEEE International Symposium on Cloud and Service Computing Kaohsiung, Taiwan, Nov. 18-21, 2019
http://www.cs.ccu.edu.tw/~conference/sc2-2019/

Dear Colleagues:

We cordially invite you to share your latest research results related to big data analytics and intelligence at the IEEE SC2 2019 conference.

CALL FOR PAPERS

The 'Cloud' is a natural evolution of distributed computing and the widespread adaption of virtualization and Service-Oriented Architecture (SOA). Services computing is a new cross-discipline subject that covers the science and technology needed to bridge the gap between business services and IT services. In cloud computing, IT-related capabilities and resources are provided as services, via the Internet and on-demand, accessible without requiring detailed knowledge of the underlying technology.

SC2 2019 is an important forum for researchers and industry practitioners to exchange information regarding advancements in the state of art and practice of IT-driven cloud computing technologies and services, as well as to identify emerging research topics and define the future directions of cloud and services computing.

IEEE SC2 2019 welcomes paper submissions on innovative work from researchers in academia industry and government describing original research work in Big Data. Authors of selected papers will be invited to submit an extended version (with at least 30% new material) for review and publication in special issues of international journals.

IEEE SC2 2019 will be held on Nov. 18-21, 2019, co-located with IEEE DataCom 2019, IEEE SOCA 2019 and IOV 2019, in Kaohsiung, Taiwan. Topics of interest include, but are not limited to:

- Cloud architecture
- Cloud OS, middleware, and toolkits
- Fog / Edge computing
- Blockchain, Cryptocurrencies and Contracts
- Cloud storage architecture
- Big data infrastructure, systems, methodologies, and applications
- Virtualization techniques
- Resource provision, monitoring, and scheduling
- Privacy and access control for cloud computing
- Performance evaluation and modeling measurement for cloud computing
- Programming models for building cloud applications
- Networking in cloud computing
- Security, privacy and trustworthy in clouds

- Security, privacy and trustworthy for service oriented architectures and systems
- Energy efficient hardware and software solutions
- High availability and reliability
- Large scale cloud applications
- Internet/web computing and data mining
- Volunteer and utility computing
- Green and pervasive computing
- Service oriented architecture
- Discovery of services and data in cloud computing infrastructures
- Foundations of services computing
- Services-centric business models
- Business process integration and management

PUBLICATION HIGHLIGHTS

IEEE CS proceedings, indexed by
 - IEEE Xplore
 - Scopus
 - Compendex EI
 - ACM Digital Library
 - DBLP
 - Google Scholar

Extended version of the selected papers will be invited for publication in prestigious international journals.

IMPORTANT DATES

Tutorial/Workshop/Special Session Proposal Due: April 30, 2019

Research Article (early track):
Paper Submission
May 30, 2019
Author Notification
June 15, 2019

Research Article (regular track):
Paper Submission
July 20, 2019
Author Notification
August 31, 2019

Poster/Special Session:
Paper Submission
September 10, 2019
Author Notification
September 26, 2019

Registration Due:
October 10, 2019

Camera ready submission:
October 20, 2019

Official Invitation Letter will be issued upon completion of registration

----
PAPER FORMAT AND SUBMISSION

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Papers should be prepared in IEEE CS format and submitted via The EasyChair system.

IEEE formatting information:
http://www.ieee.org/conferences_events/conferences/publishing/templates.html

- Proposals for organizing tutorials, workshops and special sessions need to be submitted to the Workshops Chair of the conference. A proposal should include title, theme, scope and main presenters/organizers.

- Research paper (8 pages) should explore a specific technology problem and propose a complete solution to it, with experimental results.

- Works-in-Progess (WIP) (6 pages) papers are expected to present either work currently in progress or less developed but highly innovative ideas.

- Demo/Poster papers (4 pages) must describe working systems and be related to SC2. These systems may be innovative prototype implementations or mature systems that use related technology. Papers/proposals need to be submitted to the Demo/Poster Chair.

- Workshop and Special Session papers need to be submitted to the corresponding workshops and special sessions Chairs.

All accepted papers in the main tracks, workshops, special sessions and demos/posters will be published in an IEEE Computer Society proceedings. Extended versions of selected excellent papers will be considered for publication in special issues of prestige journals (SCI/EI indexed).

BEST PAPER AWARDS

The award committee will select Best Paper/Poster Award(s) and present the winners with an actual frame Award Certificate at the conference banquet.

ORGANIZING COMMITTEES

GENERAL CHAIRS
Pangfeng Liu, National Taiwan University, Taiwan Patrick C. K. Hung, University of Ontario Institute of Technology, Canada

PROGRAM CHAIRS
Chao-Tung Yang, Tunghai University, Taiwan Zibin Zheng, Sun Yat-Sen University, China

Workshop Chairs

Zhikui Chen, Dalian University of Technology, China

Demo & Poster Chair
Wen-Hua Liao, Tatung University, Taiwan

Publication Chair
Li-Hsing Yen, National Chiao Tung University, Taiwan

Award Chair
Yu-Shang Chang, National Taipei University, Taiwan

Publicity Chair
Mianxiong Dong, Muroran Institute of Technology, Japan Yuri Demchenko, University of Amsterdam, Netherlands
Richard Lomotey, Penn State University, USA Sheng-Lung Peng, National Dong Hua University, Taiwan

Advisory Committee
Anna Kobusinska, Poznan University of Technology, Poland Shu Tao, IBM Research, USA Shangguang Wang, BUPT, China
Lizhe Wang, China University of Geosciences, China Saeid Abolfazli, University of Malaya, Malaysia Pascal Bouvry, Univ.
of Luxembourg, Luxembourg Keqin Li, State University of New York, USA Ren-Hung Hwang, National Chung Cheng
University, Taiwan Daqing Zhang, Institute Mines-Télécom/Télécom SudParis, France Chung-Nan Lee, National Sun Yat-
Sen University, Taiwan Michael Sheng, Macquarie University, Australia Hong Shen, University of Adelaide, Australia

Steering Committee
Hamid Arabnia, The University of Georgia, USA Rajkumar Buyya, University of Melbourne, Australia Chung-Ta King,
National Tsing Hua University, Taiwan Robert Hsu, National Chung Cheng University, Taiwan H. J. Siegel, Colorado State
University, USA Philip Yu, University of Illinois at Chicago, USA Christophe Cérin, Université Paris 13, France Omer Rana,
Cardiff university, UK

_____

From:	Robert, Ching-Hsien Hsu <robertchh@GMAIL.COM>
Sent:	March 13, 2019 12:10 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] The 6th International Conference on Internet of Vehicles Kaohsiung, Taiwan, Nov. 18-21, 2019

IOV 2019

The 6th International Conference on Internet of Vehicles Kaohsiung, Taiwan, Nov. 18-21, 2019
http://www.cs.ccu.edu.tw/~conference/iov2019/

Dear Colleagues:

We cordially invite you to share your latest research results at the 2019 Internet of Vehicles (IOV) conference.

CALL FOR PAPERS

Internet of Vehicles (IOV) as an important part of the wisdom city is a complex integrated network system, which connects different people within automotives, different automotives and different environment entries in cities. IOV is different from Telematics, Vehicle Ad hoc Networks, and Intelligent Transportation, in which vehicles like phones can run within the whole network, and obtain various services by swarm intelligent computing with people, vehicles, and environments.

IOV 2019 is to establish an international forum for engineers and scientists to present their excellent ideas, latest innovations and experiences on Internet of Vehicles. We welcomes paper submissions on innovative work from researchers in academia, industry and government describing original research work, sharing the experience and insights, forecast the trends and opportunities, and discuss the policy, economics and social implications.

IOV 2019 will be held on Nov. 18-21, 2019, co-located with IEEE DataCom 2019, IEEE SOCA 2019 and IEEE SC2 2019, in Kaohsiung, Taiwan. Topics of interest include, but are not limited to:

- Vehicle Behavior Model and Environment Awareness
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Telematics, Wireless Communication Networks for IOV
- Services and applications of IOV
- Complex systems and systems-of-systems for IOV
- Theory, technology, methodology, tools and applications for IOV
- Wireless Communications and Vehicular Networking
- Vision-based driver assistance
- Computer vision for autonomous vehicles
- Mobile Internet, Mobility Internet and Internet of Things
- Transportation and Connected Vehicles
- Geographic, Spatial and Social Information Systems
- Practices, Recommendations and Standards in Connected Vehicles
- Policy, Economics and Social Implications
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Automotive Electronics and Automatic Control
- Computational modeling and methodology for Intelligent Mobility Cases/Studies

- Network Architecture for IOV
- Automotive Electronics and Automatic Control for IOV
- Swarm Intelligent Computing in IOV.
- Network and Information Services in IOV.
- Social Economics for Vehicle Platforms.
- IOV for Intelligent Transportation and Wisdom City
- Vehicular Social Network
- Modeling and Simulation for IOV
- Cloud computing for IOV
- Big Data for IOV
- Applications and Standards of IOV

PUBLICATION HIGHLIGHTS

Springer LNCS proceedings, indexed by
 - ISI Conference Proceedings Citation Index - Science (CPCI-S), included in ISI Web of Science
 - Scopus
 - EI Engineering Index
 - ACM Digital Library
 - dblp
 - Google Scholar

Extended version of the selected papers will be invited for publication in prestigious international journals.

IMPORTANT DATES

Tutorial/Workshop/Special Session Proposal Due: April 30, 2019

Research Article (early track):
Paper Submission
May 30, 2019
Author Notification
June 15, 2019

Research Article (regular track):
Paper Submission
July 20, 2019
Author Notification
August 31, 2019

Poster/Special Session:
Paper Submission
September 10, 2019
Author Notification
September 26, 2019

Registration Due:
October 10, 2019

Camera ready submission:
October 20, 2019

Official Invitation Letter will be issued upon completion of registration

----
SUBMISSION and PUBLICATION

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Papers should be prepared in LNCS format and submitted via the IOV 2019 submission site via The EasyChair system.

LNCS formatting information:
http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0

- Proposals for organizing tutorials, workshops and special sessions need to be submitted to the Workshops Chair of the conference. A proposal should include title, theme, scope and main presenters/organizers.

- Research paper (14 pages) should explore a specific technology problem and propose a complete solution to it, with experimental results.

- Works-in-Progess (WIP) (10 pages) papers are expected to present either work currently in progress or less developed but highly innovative ideas.

- Demo/Poster papers (6 pages) must describe working systems and be related to IOV. These systems may be innovative prototype implementations or mature systems that use related technology. Papers/proposals need to be submitted to the Demo/Poster Chair.

- Workshop and Special Session papers need to be submitted to the corresponding workshops and special sessions Chairs.

ORGANIZING COMMITTEES

GENERAL CHAIRS
Chung-Ming Huang, National Cheng Kung University, Taiwan Andrzej M.J. Skulimowski, AGH University of Science and Technology, Poland

PROGRAM CHAIRS
Kun-Chan Lan, National Cheng Kung University, Taiwan Lyes Khoukhi, University of technology of Troyes, France

Workshop Chairs
Li Liu, Chongqing University, China

Demo & Poster Chair
Kuan-Chou Lai, National Taichung University, Taiwan

Publication Chair
Sondes Khemiri-Kallel, Université de Versailles St Quentin, France

Award Chair
Hui-Huang Hsu, Tamkang University,Taiwan

Publicity Chair
Daxin Tian, Beihang University, China
William Liu, Auckland University of Technology, New Zealand Carson Leung, University of Manitoba, Canada Min-Xiao Chen, National Dong Hua University, Taiwan

Advisory Committee
Mohammad Obaidat, Monmouth University, USA Chu-sing Yang, National Cheng Kung University, Taiwan Feng Xia, Dalian University of Technology, China Raouf Boutaba, University of Waterloo, Canada Peng Cheng, Zhejiang University, China Hsiao-Hwa Chen, National Cheng Kung University, Taiwan Sajal Das, Missouri University of Science and Technology, USA Wenzhong Guo, Fuzhou University, China

Steering Committee
Mohammed Atiquzzaman, University of Oklahoma, USA Jiannong Cao, The Hong Kong Polytechnic University, Hong Kong Robert Hsu, National Chung Cheng University, Taiwan Victor C. Leung, The U. of British Columbia, Canada Shangguang Wang, BUPT, China Reinhard Klette, Auckland University of Technology, New Zealand

_____

From:	Tamer ElBatt <telbatt@GMAIL.COM>
Sent:	March 13, 2019 12:05 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] WCMC CFP - SI on Vehicle-to-Everything (V2X) Communications in Future Smart Cities - [Submission by July 5th, 2019]

Dear Colleagues,

This email is to solicit submissions to the Special Issue of Wireless Communications and Mobile Computing, Hindawi, on "Vehicle-to-Everything
(V2X) Communications in Future Smart Cities". The submission deadline is July 5th, 2019.

The CFP can be found at the link below:
https://www.hindawi.com/journals/wcmc/si/926891/cfp/

CALL FOR PAPERS

Traditionally, cities have always measured their growth in terms of investments in hard infrastructure. However, future smart cities will focus on the use of digital

technologies to improve performance and wellbeing of humans, reduce costs, and efficiently utilize available resources, hence reducing the carbon footprint and engaging more effectively and actively with the inhabitants.
Smart cities are expected to play an enormous role in transforming different areas of human life such as security, energy consumption, transportation, health, and education.

One important aspect that is expected to dominate life in future smart cities is the use of vehicle-to-vehicle (V2V) and vehicle-to-infrastructure
(V2I) communication systems, collectively known as vehicle-to-everything
(V2X) systems. These systems are expected to increase road and passenger safety, decrease traffic congestion, decrease the negative impact on the environment, and lower capital expenditure, all of which are goals of future smart cities.However, V2X systems face many challenges, including having heterogeneous nodes with various speeds and intermittent connections, non-stationarity channels that are characterized by large Doppler spreads, and the need for ultra low latency as well as high-throughput links for delivering live video streams and the like to road side units (RSUs).

This special issue aims to bring together researchers, as well as practitioners, to discuss various enabling communications and networking technologies for the wide use of V2X communications in future smart cities. Original research articles discussing interdisciplinary work, as well as review articles, are especially welcome.

Potential topics include, but are not limited to, the following:

* Novel wireless and mobile technologies for vehicular communications

* Channel modeling for V2X systems

* Edge, fog, and cloud computing in support of V2X systems

* Safety, security, and privacy for V2X communications

* Data analytics based on V2X systems

* Applications, pilot deployments, and testbeds for V2X communications and

  their use cases in future smart cities

* Policy and regulatory issues for V2X communications in smart cities

Authors can submit their manuscripts through the Manuscript Tracking System
at:

https://mts.hindawi.com/submit/journals/wcmc/wcntc/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

**** IMPORTANT DATES ****

Submission Deadline: 5 July 2019
Publication Date: November 2019

**** EDITORIAL BOARD ****

Lead Guest Editor:

Mahmoud H. Ismail, American University of Sharjah, Sharjah, UAE

Guest Editors:

Tamer ElBatt, The American University in Cairo, Egypt

Mohamed Abdallah, Hamad Bin Khalifa University, Doha, Qatar

Hossam Hassanein, Queen's University, Kingston, Canada

Mohamed Mahmoud, Tennessee Technological University, Cookeville, USA

Emad Alsusa, University of Manchester, Manchester, UK

Best Regards,

Tamer ElBatt
Associate Professor
Dept. of Computer Science and Engineering, The American University in Cairo (AUC), Egypt tamer.elbatt@aucegypt,edu
(O): +202 2615 2977

_____

IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Yang Yi <yangyi8@VT.EDU>
Sent:	March 13, 2019 10:35 AM
To:	tccc-announce@comsoc.org
Subject:	[TCCC-ANNOUNCE] ACM NANOCOM 2019 - Call for papers - 6th ACM International Conference on Nanoscale Computing and Communication

[Apologies if you receive multiple copies of this call for papers]

******ACM NanoCom 2019******

6th ACM International Conference on Nanoscale Computing and Communication (http://nanocom.acm.org) September 25 - 27, 2019 Dublin, Ireland

Submission deadline: 15 April, 2019

==================

Call For Papers

==================

Communication technologies at micro- and nanoscale are essential for tackling numerous challenges in many fields, including ICT, medicine, pharmacology, synthetic biology, and materials science. The interdisciplinary nature of the related research challenges has prompted the creation of new multidisciplinary work groups.

The 6th ACM International Conference on Nanoscale Computing and Communication (ACM NanoCom 2019) aims to further grow the research community that contributes to nanocomputing and communications, and to stimulate the knowledge transfer to industries.

ACM NanoCom 2019 will highlight novel research results and breakthrough ideas, and identify directions for short and medium term exploitation. Novel theoretical and experimental research contributions are welcome. The conference will feature contributed and invited papers, posters, and keynote addresses in this emerging inter-disciplinary field.

We invite submissions in areas including (but not limited to) the following:

* Electromagnetic communication at (sub-)THz and optical frequencies [This includes,

** Coding, modulation, detection, and estimation
** Channel modeling including free-space propagation and intra-chip/intra-body propagation
** Devices based on nanomaterials and metamaterials]
** Localization and positioning

* Molecular communication in the biological, chemical, or mechanical environments [This includes

** Signal design, detection, estimation, and sensing
** Modeling channels of free diffusion, guided transport, microfluidics, and in-vivo/in-vitro biological systems
** Molecular communication components including signal sources and encoders/decoders]

* Interfaces for molecular and electromagnetic nanoscale communications

* Nanoscale communication network protocols for nanosensor and biological network

* Simulation tools and experimental testbeds for nanonetworks [This includes,

** Design and formal methods for specifying components and parameters
** Experimental demonstrations of nano-communication systems]

* Integration of nano- and traditional macroscale communication systems

* Nano-computing paradigms, including neuromorphic computing, DNA and molecular computing, membrane computing, quantum computing, and biological computing

* Applications, such as the Internet of Nano(-Bio)-things, nanosensor networks, systems on chip, nanomedicine, tissue engineering, future and emerging applications, nanonetworks in exotic materials such as functional meta-surfaces and meta-materials

==================

Important Dates

==================

- Regular papers due: April 15, 2019

- Short papers due: May 1, 2019

- Notification of Acceptance: June 30, 2019

- Camera ready paper due: July 31, 2019

==================

Paper Submission

==================

Papers submitted to ACM NanoCom 2019 must be original, not previously published or accepted for publication elsewhere, and they must not be submitted to any other event or publication during the entire review process.

Paper submissions should follow the ACM double-column format for conferences. ACM NanoCom 2019 accepts both regular and short papers.

Regular papers are nominally limited to 6 pages including figures and references. They should describe novel advances in topics within the scope of the conference.

Short papers are limited to 2 pages including figures and references. They provide an opportunity to present preliminary results and they will be presented in poster sessions.

All submitted papers will undergo peer review, as coordinated by the Technical Program Committee.

==================

Committees

==================

General Co-chairs:

- Christopher Contag, Michigan State University, USA
- Tommaso Melodia, Northeastern University, USA

General Vice Chair:

- Luiz da Silva, Trinity College, Dublin, Ireland

Technical Program Committee Co-chairs:
(Email: tp-chairs-nanocom2019@nanocom.hosting.acm.org)

- Adam Noel, University of Warwick, UK
- Anna Maria Vegni, Roma Tre University, Italy
- Manos Tentareis, Georgia Institute of Technology, USA

TPC Vice-Chairs:
- Mahbub Hassan, University of New South Wales, Australia
- Valeria Loscrì, Inria, France

Local Organisation Co-chairs:

- Nicola Marchetti, Trinity College Dublin, Ireland
- Michael Barros, TSSG, Ireland

Steering Committee:
- Ian F. Akyildiz, Georgia Institute of Technology, USA
- Sasitharan Balasubramaniam, Tampere University of Technology, Finland

- Ozgur B. Akan, University of Cambridge, UK
- Josep M. Jornet, University at Buffalo, USA
- Massimiliano Pierobon, University of Nebraska-Lincoln, USA
- Ilangko Balasingham, Norwegian University of Science & Technology, Norway
- Tadashi Nakano, Osaka University, Japan

===================

Please be sure to use the latest ACM templates available at https://www.acm.org/publications/proceedings-template (use the "sample-sigconf.tex" template)

Before using the 2017 ACM consolidated article template, you need to read the instructions file available at the above site (instructions are provided for both latex and word users). It is important that you follow the instructions provided.

ACM offers 24/7 author support for these templates through their vendor, Aptara. If you have TeX/MS-Word template problems or inquiries please contact acmtexsupport@aptaracorp.com.

Please apply ACM Computing Classification categories and terms. The templates provide space for this indexing and point authors to the Computing Classification Scheme at: https://www.acm.org/publications/class-2012

_____
IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Pub Conf <publicityconference86@GMAIL.COM>
Sent:	March 13, 2019 10:32 AM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] ICCCN'2019 Deadline extended (March 22 for full paper and May 8 for poster paper)

We apologize if you receive multiple copies of this message/CFP.

Please disseminate this CFP to your colleagues & contacts (Deadline extended to March 22nd for conference paper and May 8th for poster paper)

Call for Contributions (Full, Workshop, and Poster Papers):
 --The 28th International Conference on Computer Communication and Networks (ICCCN 2019)
 --July 29 - August 1, 2019, Valencia, Spain
 --ICCCN 2019 is Technically Co-Sponsored by the IEEE Communication Society
 --http://www.icccn.org/icccn19/

Important Dates:
 --Paper Submission Due: March 22nd, 2019
 --Acceptance Notification: May 3rd, 2019
 --Poster Paper Submission Due: May 8th, 2019
 --Poster Paper Notification: May 11th, 2019
 --Camera-Ready Due (all papers):   May 17th, 2019

Keynote Speakers:
Professor/Dr.-Ing. habil. Falko Dressler, Heinz Nixdorf Institute, Paderborn University, Germany; Mudhakar Srivatsa, PhD, IBM T. J. Watson Research Center, USA; Professor/Dr. Chai Keong Toh, National Tsing Hua University, Taiwan.

ICCCN is one of the leading international conferences for presenting novel ideas and fundamental advances in the fields of computer communications and networks. ICCCN serves to foster communication among researchers and practitioners with a common interest in improving computer communications and networking through scientific and technological innovation.

Scope:
The primary focus of the ICCCN 2019 conference is on new and original research results in the areas of design, implementation, and applications of computer communications and networks. Topics of interest include, but are not limited to, the following:
 --Cognitive, Cellular and Mobile Networks (CCM)
 --Communication Architecture, Algorithms, Modeling and Evaluation (CAAME)
 --Data Centers and Big Data Computing (DCBC)
 --Green Networking and Sustainable Computing (GREEN)
 --Grid, Cloud, Internet and Middleware Computing and Communication (GCIM)
 --Internet of Things (IoT)
 --Multimedia and Real-Time Networking (MRN)
 --Security, Privacy, Trust and Incentives (SPTI)
 --Sensor/Embedded Networks and Pervasive Computing (SNPC)
 --Software Defined Networks and Network Virtualization Technologies
(SDN/NFV)
 --Social Networks and Computing (SNC)

--Wireless LAN, Ad Hoc, and Mesh Networks (WAM)
--Hot Topics in Networking (HOT)

Instructions for Authors:
Submitted manuscripts must be formatted in standard IEEE camera-ready format (double-column, 10-pt font) and must be submitted via EasyChair (
https://easychair.org/conferences/?conf=icccn2019) as PDF files (formatted for 8.5×11-inch paper). The manuscripts should be no longer than 9 pages.
Up to two additional pages are permitted if the authors are willing to pay extra charge at the time of publication (manuscripts should not exceed 11 pages in total). Submitted papers should not be previously published in or be under consideration for publication in another conference or journal.
Paper titles and/or author names cannot be changed and/or added to the papers once papers are submitted to ICCCN 2019 for review. The Program Committee reserves the right to not review papers that either exceed the length specification or have been submitted or published elsewhere.
Submissions must include a title, abstract, keywords, author(s) and
affiliation(s) with postal and e-mail addresses. Note: If a submission is not accepted as a regular paper, it may be accepted as a "short paper". All accepted papers will be considered for the Best Paper Award. The paper's abstract must be registered on EasyChair by the deadline indicated above.

Review and Publication of Manuscripts:
Submitted papers will be reviewed by the TPC and judged on originality, technical correctness, relevance, and quality of presentation. An accepted paper must be presented at the conference venue by the registered author at the full registration rate. Each full registration covers up to two conference papers authored by the registered author. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. IEEE reserves the right to exclude a paper from distribution after the conference, including IEEE Xplore® Digital Library, if the paper is not presented by the author at the conference.

Workshops:
ICCCN 2019 workshops are exciting forums to present, discuss, and formulate specialized topics and emerging hot research topics (new areas, new problems or new methods). The workshops offer a perspective distinct from and complementary to the research themes of the main conference. Workshop papers should be no longer than 6 pages with up to two extra pages given the authors are willing to pay extra page charge (manuscripts should not exceed 8 pages in total in IEEE format). The detailed info can be found in the workshop Call for Papers at http://icccn.org/icccn19/workshop/list-of-workshops/index.html. For any questions or additional information, please contact the Workshop General or Workshop Program Chairs.

Poster Papers:
ICCCN 2019 provides an opportunity to present in-progress work in the fields of computer communications and networks. Topics of interest are the same as the research topics in the ICCCN19 conference Call for Papers.
Early implementations, prototypes, work-in-progress systems/applications as well as commercial products that are related to the topics are welcome.
Presenting a poster is an effective way to obtain early and valuable feedback from a knowledgeable crowd at the conference. Posters must be formatted in standard IEEE camera-ready format (double-column, 10-pt font).
Each poster submission must be no longer than 2 pages including all figures/tables and references.

Organization Committees:
Executive Chair: Prof. Tarek Abdelzaher, UIUC, USA.

General Co-Chairs:
Prof. Juan Carlos Cano, Technical University of Valencia, Spain.
Dr. Raghu Ganti, IBM T. J. Watson Research Center, NY USA.

TPC Co-Chairs:
Prof. Carlos T. Calafate, Technical University of Valencia, Spain (
calafate@disca.upv.es)
Prof. Tian He, University of Minnesota, USA (tianhe@umn.edu)

Poster Chair:
Prof. Kang Chen, Southern Illinois University, USA (kchen@siu.edu)

Workshops General Co-Chairs:
Prof. Pietro Manzoni, Technical University of Valencia, Spain Prof. Kewei Sha, University of Houston - Clear Lake

Publicity Co-Chairs:
Prof. Kang Chen, Southern Illinois University, USA (kchen@siu.edu); Prof. Enrique Hernandez, Technical University of Valencia, Spain (
ehernandez@disca.upv.es)

_____

[Apologies if you receive multiple copies]

Call for Papers

International Symposium on High Performance Mobile Computing & Wireless Networks for HPC (MCWN 2019) As part of The 17th International Conference on High Performance Computing & Simulation (HPCS 2019)

15 - 19 July 2019, Dublin, Ireland

http://hpcs2019.cisedu.info/2-conference/symposia/symp03-mcwn

Symp03-MCWN - HPCS 2019<http://hpcs2019.cisedu.info/2-conference/symposia/symp03-mcwn>
hpcs2019.cisedu.info
2019 High Performance Computing Systems Conference

IMPORTANT DATES

Paper Submission: 01 April, 2019

Notification: 22 April, 2019

Camera-Ready: 08 May, 2019

Submission link: https://easychair.org/conferences/?conf=mcwn2019

Welcome to the International Symposium on High Performance Mobile Computing & Wireless Networks for HPC (MCWN 2019) taking place in Dublin, Ireland. As a part of HPCS conference, MCWN 2019 will target original work focusing on modeling, performance analysis, testbeds, and simulation results in the areas of mobile and wireless networks, mobile computing, applications and systems. MCWN 2019 is aiming to attract a large number of high-quality submissions and stimulate cutting-edge research discussions among many academic researchers/scientists and

industrial engineers/leaders from all around the world, especially with the intersection of mobility and future integrated HPC systems.

Submission Instructions:

Papers should neither have been published elsewhere nor currently under review by another conference or journal. All papers must be written in English and formatted according to the standard IEEE 2-column format. The IEEE template can be found here: https://www.ieee.org/conferences/publishing/templates.html

The symposium accepts three types of submissions, specifically regular papers (5 to 8 pages), short papers (3 to 4 pages), and poster papers.

All accepted and presented papers will be included in the HPCS 2019 conference proceedings and submitted to the IEEE Xplore Digital Library.

The Symposium topics include (but are not limited to) the following:

Mobility and High Performance Computing Systems

Mobile Cloud Computing for High-availability Computing

Mobility, Data Centers, and Data Analytics with HPC Environments

Internet of Things and High Performance Computing

Sensors Networks in High Performance Computing

Mobile Message Passing

Mobility Models for Opportunistic Networks

Machine Learning in mobile and wireless Communication Networks

Novel Architectures, Middleware Support, Prototypes and Testbeds

Communication Protocols

Resilient High Performance Mobile Computing and Wireless Nets

Middleware for High-performance Computing in Mobile Systems

Real-time Wireless systems' simulation and Performance Analysis Using HPC

HPC Based Self-configurable Mobile and Wireless Networks

Large Scale Mobile Systems and Schemes for High-performance Computing

Reliable Mobile and Wireless Applications and Services and High-performance Computing

Mobile Urban Sensing and Crowdsensing

Mobile Social Networking and Applications

Context-aware Computing for High Performance Computing Systems

Content-centric Architectures, Content management and Distribution for Mobile Users

Resource Availability and Management for Mobile and Wireless High Performance Computing

Modeling and Simulation of Complex Mobile and Wireless Networks

System Prototypes, Measurements, Real Deployment, and Experiences

Security and Privacy issues for Wireless and Mobile Computing

Adaptive and Self-Organizing Networks

Energy harvesting and green communication techniques in mobile and wireless networks

Optical Networks and Interconnects

Network Modeling and Simulation, Design and Evaluation

SYMPOSIUM ORGANIZERS

Dr. Gabriel-Miro Muntean, Dublin City University, Dublin, Ireland Dr. Irina Tal, National College of Ireland, Dublin, Ireland Dr. Ramona Trestian, Middlesex University, London, U.K.
Dr. Ioan-Sorin Comşa, Brunel University London, Uxbridge, U.K.

Kind Regards,

Ioan-Sorin Comsa BSc, MSc, MPhil, PhD
Research Assistant
Brunel University London
College of Engineering Design and Physical Sciences Department of Computer Science

_____

IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Cfp <cfp-bounces@ibr.cs.tu-bs.de> on behalf of Lars Wolf via Cfp <cfp@ibr.cs.tu-bs.de>
Sent:	March 13, 2019 9:36 AM
To:	cfp
Subject:	[cfp] Fwd: [TCCC-ANNOUNCE] CFP PE-WASUN 2019

-------- Weitergeleitete Nachricht --------
Betreff: [TCCC-ANNOUNCE] CFP PE-WASUN 2019
Datum: Wed, 13 Mar 2019 10:38:41 +0100
Von: leticia.lemux <leticia.lemux@ENTEL.UPC.EDU> Antwort an: leticia.lemux <leticia.lemux@ENTEL.UPC.EDU>
An: tccc-announce@COMSOC.ORG

****

Please accept our apologies if you receive multiple copies of this Call for Papers

****
C a
l l F o r P a p e r s
ACM* PE-WASUN 2019
16th ACM* International
Symposium on Performance Evaluation of
 Wireless Ad Hoc, Sensor, and
Ubiquitous Networks
 (Jointly with the 22nd ACM MSWiM Conference)

Miami Beach. FL, USA
November 25th- 29th, 2019

****
Scope
****
Wireless ad
hoc, sensor, along with ubiquitous networks have recently witnessed their fastest growth period ever in history, and this
trend is likely to continue for the foreseeable future. However, as such networks become increasingly complex,
performance modelling and evaluation will play a crucial part in their design process to ensure their successful
deployment and exploitation in practice.
This symposium will bring
together scientists, engineers, and practitioners to share and exchange their experiences, discuss challenges, and report
state-of-the-art and in-progress research on all aspects of wireless ad hoc, sensor, and ubiquitous networks with a
specific emphasis on their performance evaluation and analysis.

Topics of interest include, but are not
limited to:
*
Predictive performance models of ad hoc, sensor, and ubiquitous networks.
*
Probabilistic models for ad hoc, sensor and ubiquitous networks.
*
Queuing and network information theoretic analysis
*
Analytical modeling and simulation methods
*

Automatic performance analysis
*
Tracing and trace analysis

*
Software tools for network performance and evaluation
*

Performance measurement, evaluation and monitoring tools for ad hoc, sensor and ubiquitous networks
*
Case studies demonstrating the
role of performance evaluation in the design of ad hoc, sensor and ubiquitous networks
*
Network performance improvement through
optimization and tuning
*
Mobility modeling and management
*

Traffic models for ad hoc, sensor networks
*
Performance
evaluation of wireless mesh networks
*
Performance evaluation of
pervasive and ubiquitous networks
*
Performance evaluation of
VANETs
*
Performance of wireless and sensor devices
*

Performance of spectrum agile and cognitive wireless sensor networks

*

Analysis of multimedia applications over wireless ad-hoc and sensor networks
        *

Performance of pervasive computing and services

        *

Analysis of mobile cloud networking and computing
        *

Performance of continuity of service over heterogeneous networks, seamless connectivity
        *

Analysis of security and privacy in ad hoc networks and ubiquitous networks
        *

Simulation methods, performance
and analysis
        *

Real experimentation, deployments, open platforms

GENERAL CHAIR

Mónica Aguilar Igartua [1] Universitat Politècnica de Catalunya, Spain (monica.aguilar@upc.edu) PROGRAM CO-CHAIRS

Luis de
la Cruz Llopis [2] Universitat Politècnica de Catalunya, Spain
(luis.delacruz@upc.edu)
Ahmad Mohamad Mezher [3] University of New Brunswick, Canada (ahmad.mezher@unb.ca)
POSTER/DEMO/TOOLS/WEB CHAIR

Juan Pablo Astudillo León [4] Universitat Politècnica de Catalunya, Spain (juan.pablo.astudillo@upc.edu) PUBLICITY
CHAIR

Leticia Lemus [5] Universitat Politècnica de Catalunya, Spain
(leticia.lemux@entel.upc.edu)
PROGRAM COMMITTEE
MEMBERS

http://www-entel.upc.edu/monica.aguilar/PEWASUN2019/committees.html
[6]
****
Paper Submission
****

Authors are invited to submit their papers through EasyChair on the

following link: https://www.easychair.org/conferences/?conf=pewasun2019
[7]
 The length of the papers should not exceed 8 single-spaced pages

(in two-column format), ACM style including tables and figures. A template for ACM SIG Proceedings style (LaTeX2e and
MS Word) can be found at https://www.acm.org/publications/proceedings-template [8]

Accepted papers will appear in the ACM symposium proceedings.

The
authors of accepted papers must guarantee that their paper will be

presented at the Symposium. At least one author of each accepted paper

must be registered for the symposium, in order for that paper to appear

in the proceedings and to be scheduled for presentation.

****
Important Dates
****
Full
paper due: June 10th, 2019
 Acceptance notification: July 10th, 2019

Camera ready due: TBA
 Speaker Author Registration: TBA
 Symposium:
November 25th - 29th, 2019 - Jointly with MSWiM'19 We hope to see you in Miami.
 Yours sincerely,
PE-WASUN 2019 Committee

Links:
------
[1] http://www-entel.upc.edu/monica.aguilar/
[2]
https://futur.upc.edu/LuisJavierdelaCruzLlopis
[3]
https://sites.google.com/site/ahmadmezher1982/
[4]
https://sites.google.com/site/juanastudilloupc/home
[5]
https://sites.google.com/view/leticialemus/
[6]
http://www-entel.upc.edu/monica.aguilar/PEWASUN2019/committees.html
[7]
https://www.easychair.org/conferences/?conf=pewasun2019
[8]
https://www.acm.org/publications/proceedings-template

From: Miha Mohorčič <miha.mohorcic@IJS.SI>
Sent: March 13, 2019 7:38 AM
To: tccc-announce@COMSOC.ORG
Subject: [TCCC-ANNOUNCE] BalkanCom 2019 - submission deadline on March 15

Dear Colleagues and Friends,

There are only 3 days left till the deadline for contributions to BalkanCom 2019 (http://www.balkancom.info/2019/), the third edition of the conference that will take place on June 10-12, 2019 in Skopje, North Macedonia, with the theme "5G and beyond".

Topics of interest include, but are not limited to:
  - Wireless systems and networks
  - Next generation RAN and beyond 5G
  - mmWave, Terahertz communication
  - Free-space optical and visible light communication
  - Internet of Things and M2M communication
  - Ultra-reliable and low latency communication
  - Software-defined networking, network function virtualization and network slicing
  - Cognitive radio networks and dynamic spectrum access
  - Artificial intelligence and machine learning for communication and networking
  - Nanoscale networks based on molecular and electromagnetic communication
  - Communication in challenging environments (underwater, underground, tunnels/mines, space, disasters)
  - V2X communications
  - Communication protocols (transport, routing, link, and physical layers)
  - Fibre-optical communication systems
  - Cross-layer design and optimization
  - Information theory and coding
  - Signal processing for communications
  - Green communication and networking
  - Resource management
  - Integration of heterogeneous networks
  - Wireless ad hoc, mesh and sensor networks
  - Security and privacy in communication networks
  - Deployment scenarios and experiences
  - Infrastructures, platforms, testbeds, and software

Papers should describe original work and should be no more than 5 pages in a double-column format including tables, figures and references. Accepted papers up to 5 pages will be published in the proceedings. One extra page is allowed with an additional fee, if accepted. Best papers will be fast tracked to Computer Networks (Elsevier) and Ad Hoc Networks (Elsevier) Journals.

IMPORTANT DATES
  - Paper submission deadline: March 15, 2019
  - Notification of acceptance: April 26, 2019
  - Camera-ready papers due: May 10, 2019

We are looking forward to your contributions!   53

BalkanCom 2019 Organizing Committee

_____
IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

****

Please accept our apologies if you receive multiple copies of this Call for Papers

****

C a
l l F o r P a p e r s

ACM* PE-WASUN 2019

16th ACM* International
Symposium on Performance Evaluation of
 Wireless Ad Hoc, Sensor, and
Ubiquitous Networks
 (Jointly with the 22nd ACM MSWiM Conference)

Miami Beach. FL, USA

November 25th- 29th, 2019

****

Scope

****

Wireless ad
hoc, sensor, along with ubiquitous networks have recently witnessed their fastest growth period ever in history, and this trend is likely to continue for the foreseeable future. However, as such networks become increasingly complex, performance modelling and evaluation will play a crucial part in their design process to ensure their successful deployment and exploitation in practice.

This symposium will bring
together scientists, engineers, and practitioners to share and exchange their experiences, discuss challenges, and report state-of-the-art and in-progress research on all aspects of wireless ad hoc, sensor, and ubiquitous networks with a specific emphasis on their performance evaluation and analysis.

Topics of interest include, but are not
limited to:

*

Predictive performance models of ad hoc, sensor, and ubiquitous networks.

*

Probabilistic models for ad hoc, sensor and ubiquitous networks.

*

Queuing and network information theoretic analysis

*

Analytical modeling and simulation methods

*

Automatic performance analysis

*

Tracing and trace analysis

*

Software tools for network performance and evaluation

*

Performance measurement, evaluation and monitoring tools for ad hoc, sensor and ubiquitous networks

*

Case studies demonstrating the
role of performance evaluation in the design of ad hoc, sensor and ubiquitous networks

*

Network performance improvement through
optimization and tuning

*

Mobility modeling and management

*

Traffic models for ad hoc, sensor networks

*

Performance
evaluation of wireless mesh networks

*

Performance evaluation of
pervasive and ubiquitous networks

*

Performance evaluation of
VANETs

*

Performance of wireless and sensor devices

*

Performance of spectrum agile and cognitive wireless sensor networks

*

Analysis of multimedia applications over wireless ad-hoc and sensor networks

*

Performance of pervasive computing and services

*

Analysis of mobile cloud networking and computing

*

Performance of continuity of service over heterogeneous networks, seamless connectivity

*

Analysis of security and privacy in ad hoc networks and ubiquitous networks

*

Simulation methods, performance
and analysis

*

Real experimentation, deployments, open platforms

GENERAL CHAIR

Mónica Aguilar Igartua [1] Universitat Politècnica de Catalunya, Spain (monica.aguilar@upc.edu)

PROGRAM CO-CHAIRS

Luis de
la Cruz Llopis [2] Universitat Politècnica de Catalunya, Spain
(luis.delacruz@upc.edu)

Ahmad Mohamad Mezher [3] University of New Brunswick, Canada (ahmad.mezher@unb.ca)

POSTER/DEMO/TOOLS/WEB
CHAIR

Juan Pablo Astudillo León [4] Universitat Politècnica de Catalunya, Spain (juan.pablo.astudillo@upc.edu)

PUBLICITY
CHAIR

Leticia Lemus [5] Universitat Politècnica de Catalunya, Spain
(leticia.lemux@entel.upc.edu)

PROGRAM COMMITTEE
MEMBERS

http://www-entel.upc.edu/monica.aguilar/PEWASUN2019/committees.html
[6]

****

Paper Submission

****

Authors are invited to submit their papers through EasyChair on the

following link: https://www.easychair.org/conferences/?conf=pewasun2019
[7]

 The length of the papers should not exceed 8 single-spaced pages

(in two-column format), ACM style including tables and figures. A template for ACM SIG Proceedings style (LaTeX2e and MS Word) can be found at

https://www.acm.org/publications/proceedings-template [8]

Accepted papers will appear in the ACM symposium proceedings.

 The
authors of accepted papers must guarantee that their paper will be

presented at the Symposium. At least one author of each accepted paper

must be registered for the symposium, in order for that paper to appear

in the proceedings and to be scheduled for presentation.

****

Important Dates

****

Full
paper due: June 10th, 2019
 Acceptance notification: July 10th, 2019

Camera ready due: TBA
 Speaker Author Registration: TBA
 Symposium:
November 25th - 29th, 2019 - Jointly with MSWiM'19

We hope to see you
in Miami.
 Yours sincerely,

PE-WASUN 2019 Committee

Links:
------
[1] http://www-entel.upc.edu/monica.aguilar/
[2]
https://futur.upc.edu/LuisJavierdelaCruzLlopis
[3]
https://sites.google.com/site/ahmadmezher1982/
[4]
https://sites.google.com/site/juanastudilloupc/home
[5]
https://sites.google.com/view/leticialemus/

[6]
http://www-entel.upc.edu/monica.aguilar/PEWASUN2019/committees.html
[7]
https://www.easychair.org/conferences/?conf=pewasun2019
[8]
https://www.acm.org/publications/proceedings-template

_____

IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

From:	Ruidong Li <lrd@NICT.GO.JP>
Sent:	April 2, 2019 10:19 PM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] [Deadline Approaching] IEEE ICDCS 2019 The First International Workshop on Network Meets Intelligent Computations (NMIC)

The First International Workshop on Network Meets Intelligent Computations (NMIC)

https://www.eee.hku.hk/~kcleung/service/NMIC/2019/cfp.html

Organized in conjunction with IEEE ICDCS 2019, 7 July - 10 July 2019, Dallas, Texas, USA

The new computation technologies, such as big data analytics, modern machine learning technology, artificial intelligence (AI), blockchain, and security processing, have the great potential to be embedded into network to enable it to be intelligent and trustworthy. On the other hand, Information-Centric Networking (ICN), software-defined network (SDN), network function virtualization (NFV), network slicing, and data center network have emerged as the novel networking paradigms for fast and efficient delivering and retrieving data. Against this backdrop, there is a strong trend to move the computations from the cloud to not only the edges but also the resource-sufficient networking nodes, which triggers the convergence between the emerging networking concepts and the new computation technologies.

The ultimate goals for networking researches include intelligence, trust, and efficiency, which can be enhanced by or benefit for the intelligent computations. There are many open challenges for the emerging network concepts to meet the intelligent computations: what computations should be embedded; which node should be enforced with the computation; how can the computations, such as big data analytics, security, AI, machine learning, blockchain, be seamlessly embedded into the network and enable it to be efficient, trustworthy and accountable; how to fast locate the required and suitable computation nodes; how to efficiently transfer data through series of computation nodes; how to efficiently collect and process the big networking data; how to design networking architectures and protocols to easily support the efficient and diverse computations; how to achieve ultra-low latency communications with distributed computations; and how to migrate from the Internet to the computation-enabled network.

The NMIC workshop 2019 solicits the papers that address the technical challenges and applications of the distributed computations for networking, the intelligent computations supported by the novel networking technologies, and the enforcement of series of computations.
The areas of interests include, but are not limited to, the following:

Networking architecture and protocols for integrating caching, computation, and communications

Machine learning, data mining and big data analytics in networking

In-network computation for future networks, inter-data center networking and 5G

Information-centric networking with/for computations

Intelligent Internet edge integrating edge, fog, and mobile edge computing with networking

Intelligent service function/computation chaining

Security, privacy, trust, accountability for/with intelligent computation networking

Collection and processing for big network data

Distributed computations for network anomaly detection and security

Integrating Blockchain with networking

Network function virtualization, software-defined network, and network slicing for distributed computations

Networking computations for big data, streaming, IoT, and AR/VR

In-network data computations for network measurement and management

Distributed artificial intelligence with/for networking

Data modelling and applications of networking

Big data networking in healthcare, V2V, smart cities, industry and other applications

Selected papers will be recommended to EURASIP Journal on Wireless Communications and Networking or IEEE Network Magazine for potential publications.

Submission Procedure

All submissions should follow the IEEE 8.5? x 11? Two-Column Format.
Each submission can have up to 6 pages. Authors of accepted papers are expected to present their papers at the workshop.

Submission link: https://easychair.org/cfp/ICDCS2019

Submission Method

1. Click the ICDCS 2019 CFP webpage: https://easychair.org/cfp/ICDCS2019

2. Click the submission link

3. Login and then click "enter as an author"

4. Select "Network Meets Intelligent Computations"

Committee:

Technical Program Chairs:

Dijiang Huang, Arizona State University, USA

Ruidong Li, National Institute of Information and Communications Technology (NICT), Japan

Michele Nogueira, Federal University of Paraná, Brazil

Web Chair

Ka-cheong Leung, Hongkong University

Publicity Chair

Moayad Aloqaily, Gnowit Inc. Ottawa, Canada

Ouns Bouachir, Zayed University, UAE

Steering Committee:

Jie Li, Shanghai Jiao Tong University, China

Nirwan Ansari, New Jersey Institute of Technology, USA

Hitoshi Asaeda, NICT, Japan

Xiaoming Fu, University of Gottingen, Germany

Important Dates

New Paper submission deadline: April 3, 2019

Author notification: April 25, 2019

Camera ready: May 10, 2019

Conference and Workshops: July 7-10, 2019

From: Sidda Chandrappa <conference@ICDIM.ORG>
Sent: April 3, 2019 6:15 AM
To: tccc-announce@COMSOC.ORG
Subject: [TCCC-ANNOUNCE] ICDIM 2019

Fourteenth International Conference on Digital Information Management (ICDIM 2019) August 22-24, 2019 Irish Computer Society, Dublin, Ireland
(www.icdim.org)

Following the successful earlier conferences at Bangalore (2006), Lyon (2007), London (2008), Michigan (2009) , Thunder Bay (2010), Melbourne (2011), Macau (2012), Islamabad (2013), Bangkok (2014) Jeju (2015) Porto (2016), Fukuoka (2017), and Berlin (2018) the Fourteenth event is being organized at Dublin, Ireland in 2019. The International Conference on Digital Information Management is a multidisciplinary conference on digital information management, science and technology. The principal aim of this conference is to bring people in academia, research laboratories and industry together, and offer a collaborative platform to address the emerging issues and solutions in digital information science and technology

Digital Information technologies are gaining maturity and rapid momentum in adoption across disciplines. The digital community is producing new ways of using digital information technologies for integrating and making sense out of various data ranging from real/live streams and simulations to analytics data analysis, in support of mining of knowledge. The conference will feature original research and industrial papers on the theory, design, and implementation of digital information systems, as well as demonstrations, tutorials, workshops and industrial presentations.

The Fourteenth International Conference on Digital Information Management will be held during August 22-24, 2019 at Irish Computer Society, Dublin, Ireland

The topics in ICDIM 2019 include but are not confined to the following areas.

    Information Technology Management
    Web Mining including Web Intelligence and Web 3.0
    E-Learning, eCommerce, e-Business and e-Government
    Edge and Fog Computing
    Data Analytics
    Software Engineering
    Deep Learning
    Natural Lanaguage Processing
    Smart Learning and Smart Cities
    Signal Processing
    Network Services
    Data Mining and Text Mining
    Knowledge Graphs, Recommender System, Ontology
    Computational Linguistics
    Distributed information systems
    Information visualization
    Multimedia and Interactive Multimedia
    Image Analysis and Image Processing
    Cloud Computing
    Computational Intelligence

Privacy, Security and Trusted Computing
Machine Learning
Human-Computer Interaction
Internet of Things

Modified version of the selected papers will appear in the special issues of the following peer reviewed journals.

1. Journal on Data Semantics
2. Technologies
3. Data Technologies and Applications
4. Webology
5. Journal of Digital Information Management
6. International Journal of Computational Linguistics
7. Journal of Optimization

General Chair
Ezendu Ariwa, UK IEEE Chair

Program Chairs
Pit Pichappan, Digital Information Research Labs, India Simon Fong, University of Macau, Macau

Program Co-Chair
Adrian Florea, University of Shibu, Romania

Important Dates
Full Paper Submission   June 05, 2019
Notification of Acceptance/Rejection   July 05, 2019
Registration Due   August 05, 2019
Camera Ready Due   August 05, 2019
Workshops/Tutorials/Demos   August 23, 2019
Main conference   August 22-24, 2019

SUBMISSIONS AT http://www.icdim.org/submission.html
Contact: conference@icdim.org

From:	Mubashir Rehmani <mshrehmani@GMAIL.COM>
Sent:	April 3, 2019 6:44 AM
To:	tccc-announce@COMSOC.ORG
Subject:	[TCCC-ANNOUNCE] [CFP] Extended Deadline 31 May 2019 - Special Section on Software Defined Networks for Energy Internet and Smart Grid Communications -- IEEE Access (Impact Factor = 3.55)

Dear All,

Please find below a call for papers for Special Section in IEEE Access Journal.

Please accept our apologies if you receive multiple copies of this announcement.

Call for Paper

Software Defined Networks for Energy Internet and Smart Grid Communications

Submission Deadline: 31 May 2019

Link: http://ieeeaccess.ieee.org/special-sections/software-defined-networks-for-energy-internet-and-smart-grid-communications/

IEEE Access invites manuscript submissions in the area of Software Defined Networks for Energy Internet and Smart Grid Communications.

A new network paradigm of Software Defined Networks (SDN) is being widely adapted to efficiently monitor and manage the communication networks with a global perspective. SDN has a key networking feature that separates control and data plane. Today, due to its inherent benefits, SDN has been widely applied to various networking domains including data centers, WAN, enterprise, Optical Networks, Under Water Sensor Networks (UWSN), Energy Internet (EI), and Smart Grid (SG).

Energy Internet (EI) and Smart Grid (SG) are two complementary terms. Energy Internet refers to the vision of integrating future electricity grid into the web. Smart Grid refers to the advancement of current electricity grid with the help of information and communication technologies. The key feature that distinguishes EI from the SG is its tight coupling of EI with the Internet. One might argue that EI is the advanced form of Smart Grid. Nevertheless, as both EI and SG technologies differ in various ways, especially in terms of implementation and applications, there are fundamental research questions that are yet to be addressed. In a traditional Internet scenario, organizations have local area networks (LANs). These small LANs are from the small geographical areas such as cites and are connected together to form Metropolitan Area Networks (MANs), which are then inter-connected together to form Wide Area Networks (WANs). Likewise, in an EI scenario, a world-wide energy-Wide Area Network (e-WAN) is composed of networked regional small-scale energy-Local Area Networks (e-LANs). Similar to a network router in the traditional Internet, we have an e-router in the EI, which is responsible for power delivery and information forwarding.

In order to realize full functionality of EI and SG, an efficient communication system would be essential, i.e., a networked system and infrastructure with fast reliable information flow capability, and support for good system observability and controllability. Such communication systems would facilitate the EI and SG to achieve secure, reliable, and safe power and information exchange. Therefore, SDN has an immense potential in playing a significant role in managing the overall network and communication entities for the future EI and SG systems. By adapting the concepts of

SDN in the current as well as to future EI and SG systems, the efficiency and resiliency of the entire system could be significantly improved by further fueling the growth of research and industry methods in EI and SG.

Overall, the goal of this proposed Special Section in IEEE Access is to publish and capture the most recent advances and trends in the promising technologies of Energy Internet and Smart Grid, particularly from the perspective of Software Defined Networks.

The topics of interest include, but are not limited to:

- Software Defined Networks for Smart Grid (SG)
- Software Defined Networks for Energy Internet (EI)
- SDN-based Internet of Things (IoT) for Energy Internet
- Architectures and Protocols for SDN-based SG and EI
- Resource Allocation Techniques for SDN-based EI and SG
- Routing and MAC Protocols for SDN-based EI and SG
- Renewable Energy Resources and SDN-based EI and SG
- Performance Analysis, Testbed and Simulation Tools for SDN-based EI and SG
- Big Data Analytics for SDN-based EI and SG
- SDN Monitoring and Management Applications in HANs, NANs, WANs, and AMI
- SG and EI Communication Monitoring techniques through SDN

We also highly recommend the submission of multimedia with each article as it significantly increases the visibility, downloads, and citations of articles.

Guest Editors:

- Mubashir Husain Rehmani, Associate Editor and Lead Guest Editor, Cork Institute of Technology, Ireland
- Alan Davy, TSSG, Waterford Institute of Technology, Ireland
- Brendan Jennings, TSSG, Waterford Institute of Technology , Ireland
- Zeeshan Kaleem, COMSATS University, Pakistan
- Akhilesh Thyagaturu, Intel Mobile Communications, USA
- Hassnaa Moustafa, Intel Corporation, USA
- Al-Sakib Khan Pathan, Southeast University, Bangladesh

IEEE Access Editor-in-Chief: Michael Pecht, Professor and Director, CALCE, University of Maryland

Paper submission: Contact Associate Editor and submit manuscript to:
http://mc.manuscriptcentral.com/ieee-access

For inquiries regarding this Special Section, please contact: mshrehmani@gmail.com
==
Mubashir Husain Rehmani, Ph.D., Senior Member IEEE Assistant Lecturer, Department of Computer Science, Cork Institute of Technology (CIT), Ireland Area Editor, IEEE Communications Surveys and Tutorials Associate Editor, IEEE Communications Magazine Associate Editor, IEEE Access Associate Editor, Elsevier CAEE, FGCS & JNCA Journals Associate Editor, Springer Wireless Networks Associate Editor, AHSWN Journal and JCN Journal
https://sites.google.com/site/mshrehmani/
==

_____
IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.

tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

Dear All,

Please find below a call for papers for Special Section in IEEE Access Journal.

Link: http://ieeeaccess.ieee.org/special-sections/network-resource-management-in-flying-ad-hoc-networks-challenges-potentials-future-applications-and-wayforward/

Please accept our apologies if you receive multiple copies of this announcement.

Call for Paper

Submission Deadline: 01 July 2019

IEEE Access invites manuscript submissions in the area of Network Resource Management in Flying Ad Hoc Networks: Challenges, Potentials, Future Applications, and Wayforward.

INTRODUCTION/OVERVIEW

With the rapid development in the fields of wireless ad hoc networks that do not rely on any pre-existing infrastructure, Flying Ad hoc networks (FANETs) have recently captured the attention of vendors and investors due to the flying nature of entities in the network. FANET is composed of nodes that fly at high altitude platforms such as balloons, unmanned aerial vehicles or drones, which have the ability to fly without a human pilot aboard. The network of nodes that fly at high altitude has gained commercial and industrial popularity because of its applications in surveillance, agriculture, photography, etc. For instance, the new applications that are being developed for FANET bring up the new challenges such as multipath propagation, severe shadowing, traffic load balancing, mobility, congestion, high error rates, etc., that usually results in the performance degradation of the network. However, the applications developed and used in FANET may also result in collision with the commercial flights due to the above challenges.

The Federal Aviation Administration has been reported about the tremendous increase of more than 50% in the air traffic specifically the unmanned vehicles in 2017. However, such an increase in the UAVs results in an increase in the network traffic of FANET that may lead to an unbalanced traffic distribution, resulting in an increase in packet loss due to collision. Furthermore, the high data traffic generated by the number of nodes in FANET is one of the leading causes of accidents with the commercial flights. In order to cope with such kind of challenges, the network traffic of FANET must be distributed in such a way that it should neither disturb the commercial flights nor the communication among the nodes that fly at high altitudes in a network.

This Special Issue therefore solicits original research work, novel protocols, methodologies and survey papers addressing the future challenges and solutions that embark on network resource management in FANETs. The topics of Special Issue include, but are not limited to:

- Efficient deployment of unmanned aerial vehicles (UAVs) at high altitude platforms (HAPs) for congestion avoidance and control

- Dynamic traffic load balancing for congestion avoidance through routing in Flying Ad hoc Networks
- Performance investigation of 5G systems with flying ad hoc networks (FANETs)
- An optimal data collection and dissemination technique for balanced traffic utilization in FANETs
- Distributed congestion-aware position oriented MAC/Routing protocols for FANETS
- Performance evaluation of layered protocols of TCP/IP for multimedia traffic in flying ad hoc networks (FANETs) at different altitude platforms
- Analysis of Reactive, proactive, and hybrid routing protocols for flying Ad Hoc networks
- Opportunistic routing for distributed video traffic dissemination over flying ad hoc networks
- A cross layer design for distributed information dissemination over flying ad hoc networks
- Agricultural environment monitoring system based on UAV in FANETs
- Congestion avoidance, detection, and mitigation in Flying Ad-Hoc Network for efficient utilization of network resources
- Distributed clustering approach for FANETs
- Enhanced connectivity for robust multimedia transmission in UAV networks
- Active Queue Management for resource sharing in Flying Ad hoc Networks
- Bio-inspired routing protocols for FANET routing
- Multi-hop and relay-based communications for distributed traffic load balancing
- Smart solutions to reduce congestion in FANETs
- Interaction of FANET with IoT
- Distributed Emergency Message Dissemination in FANET

Associate Editor: Omer Chughtai, COMSATS University Islamabad, Wah Campus, Wah Cantt, Pakistan.

GUEST EDITORS

Mubashir Husain Rehmani, Cork Institute of Technology, Ireland.
Leila Musavian, University of Essex, United Kingdom (UK).
Sidi-Mohammed Senouci, University of Bourgogne, France.
Soumaya Cherkaoui, Université de Sherbrooke, Canada.
Shiwen Mao, Auburn University, USA.
Onur Alparslan, Osaka University, Japan.

IEEE Access Editor-in-Chief: Michael Pecht, Professor and Director, CALCE, University of Maryland

Paper submission: Contact Associate Editor and submit manuscript to: http://mc.manuscriptcentral.com/ieee-access

For information regarding IEEE Access including its publication policy and fees, please visit the website http://ieeeaccess.ieee.org

For inquiries regarding this Special Section, please contact the Associate Editor: umar.chughtai@gmail.com.

==
Mubashir Husain Rehmani, Ph.D., Senior Member IEEE Assistant Lecturer, Department of Computer Science, Cork Institute of Technology (CIT), Ireland Area Editor, IEEE Communications Surveys and Tutorials Associate Editor, IEEE Communications Magazine Associate Editor, IEEE Access Associate Editor, Elsevier CAEE, FGCS & JNCA Journals Associate Editor, Springer Wireless Networks Associate Editor, AHSWN Journal and JCN Journal
https://sites.google.com/site/mshrehmani/
==

_____

IEEE Communications Society Tech. Committee on Computer Communications http://committees.comsoc.org/tccc/
TCCC Announce: For announcements concerning computer networking and communications.
tccc-announce@comsoc.org
https://comsoc-listserv.ieee.org/

==

CALL FOR PAPERS

14th Workshop on Virtualization in High--Performance Cloud Computing (VHPC '19) held in conjunction with the International Supercomputing Conference - High Performance, June 16-20, 2019, Frankfurt, Germany.
(Springer LNCS Proceedings)

==

Date: June 20, 2019
Workshop URL: http://vhpc.org

Paper Submission Deadline: May 1, 2019 (extended) Springer LNCS, rolling abstract submission

Abstract/Paper Submission Link: https://edas.info/newPaper.php?c=25685

Call for Papers

Containers and virtualization technologies constitute key enabling factors for flexible resource management in modern data centers, and particularly in cloud environments. Cloud providers need to manage complex infrastructures in a seamless fashion to support the highly dynamic and heterogeneous workloads and hosted applications customers deploy. Similarly, HPC environments have been increasingly adopting techniques that enable flexible management of vast computing and networking resources, close to marginal provisioning cost, which is unprecedented in the history of scientific and commercial computing.

Various virtualization-containerization technologies contribute to the overall picture in different ways: machine virtualization, with its capability to enable consolidation of multiple under-utilized servers with heterogeneous software and operating systems (OSes), and its capability to live--migrate a fully operating virtual machine (VM) with a very short downtime, enables novel and dynamic ways to manage physical servers; OS--level virtualization (i.e., containerization), with its capability to isolate multiple user--space environments and to allow for their co-existence within the same OS kernel, promises to provide many of the advantages of machine virtualization with high levels of responsiveness and performance; lastly, unikernels provide for many virtualization benefits with a minimized OS/library surface.
I/O Virtualization in turn allows physical network interfaces to take traffic from multiple VMs or containers; network virtualization, with its capability to create logical network overlays that are independent of the underlying physical topology is furthermore enabling virtualization of HPC infrastructures.

Publication

Accepted papers will be published in a Springer LNCS proceedings volume.

Topics of Interest

The VHPC program committee solicits original, high-quality submissions related to virtualization across the entire software stack with a special focus on the intersection of HPC, containers-virtualization and the cloud.

Major Topics:
- HPC on Containers and VMs
- Containerized applications with OS-level virtualization
- Lightweight applications with Unikernels
- HP-as-a-Service

each major topic encompassing design/architecture, management, performance management, modeling and configuration/tooling:

Design / Architecture:
- Containers and OS-level virtualization (LXC, Docker, rkt,
  Singularity, Shifter, i.a.)
- Hypervisor support for heterogeneous resources (GPUs, co-processors,
  FPGAs, etc.)
- Hypervisor extensions to mitigate side-channel attacks
  ([micro-]architectural timing attacks, privilege escalation)
- VM & Container trust and security models
- Multi-environment coupling, system software supporting in-situ
  analysis with HPC simulation
- Cloud reliability, fault-tolerance and high-availability
- Energy-efficient and power-aware virtualization
- Containers inside VMs with hypervisor isolation
- Virtualization support for emerging memory technologies
- Lightweight/specialized operating systems in conjunction with
  virtual machines
- Hypervisor support for heterogeneous resources (GPUs, co-processors,
  FPGAs, etc.)
- Novel unikernels and use cases for virtualized HPC environments
- ARM-based hypervisors, ARM virtualization extensions

Management:
- Container and VM management for HPC and cloud environments
- HPC services integration, services to support HPC
- Service and on-demand scheduling & resource management
- Dedicated workload management with VMs or containers
- Workflow coupling with VMs and containers
- Unikernel, lightweight VM application management
- Environments and tools for operating containerized environments
  (batch, orchestration)
- Novel models for non-HPC workload provisioning on HPC resources

Performance Measurements and Modeling:
- Performance improvements for or driven by unikernels
- Optimizations of virtual machine monitor platforms and hypervisors
- Scalability analysis of VMs and/or containers at large scale
- Performance measurement, modeling and monitoring of
  virtualized/cloud workloads

- Virtualization in supercomputing environments, HPC clusters, HPC in
  the cloud

Configuration / Tooling:
- Tool support for unikernels: configuration/build environments,
  debuggers, profilers
- Job scheduling/control/policy and container placement in virtualized
  environments
- Operating MPI in containers/VMs and Unikernels
- Software defined networks and network virtualization
- GPU virtualization operationalization

The Workshop on Virtualization in High--Performance Cloud Computing
(VHPC) aims to bring together researchers and industrial practitioners facing the challenges posed by virtualization in order to foster discussion, collaboration, mutual exchange of knowledge and experience, enabling research to ultimately provide novel solutions for virtualized computing systems of tomorrow.

The workshop will be one day in length, composed of 20 min paper presentations, each followed by 10 min discussion sections, plus lightning talks that are limited to 5 minutes. Presentations may be accompanied by interactive demonstrations.

Important Dates

May 1, 2019 - Abstract/Paper extended submission deadline (Springer LNCS) May 20, 2019 - Acceptance notification June 20th, 2019 - Workshop Day July 10th, 2019 - Camera-ready version due

Chair

Michael Alexander (chair), University of Vienna, Austria Anastassios Nanos (co--chair), SunLight.io, UK Andrew Younge (co-chair), Sandia National Laboratories

Program committee

Stergios Anastasiadis, University of Ioannina, Greece Jakob Blomer, CERN, Europe Eduardo César, Universidad Autonoma de Barcelona, Spain Taylor Childers, Argonne National Laboratory, USA Stephen Crago, USC ISI, USA Tommaso Cucinotta, St. Anna School of Advanced Studies, Italy Christoffer Dall, Columbia University, USA François Diakhaté, CEA, France Patrick Dreher, MIT, USA Kyle Hale, Northwestern University, USA Bob Killen, University of Michigan, USA Brian Kocoloski, Washington University, USA John Lange, University of Pittsburgh, USA Giuseppe Lettieri, University of Pisa, Italy Qing Liu, Oak Ridge National Laboratory, USA Nikos Parlavantzas, IRISA, France Kevin Pedretti, Sandia National Laboratories, USA Amer Qouneh, Western New England University, USA Carlos Reaño, Queen's University Belfast, UK Borja Sotomayor, University of Chicago, USA Jonathan Sparks, Cray, USA Joe Stubbs, Texas Advanced Computing Center, USA Anata Tiwari, San Diego Supercomputer Center, USA Kurt Tutschku, Blekinge Institute of Technology, Sweden John Walters, USC ISI, USA Yasuhiro Watashiba, Osaka University, Japan Chao-Tung Yang, Tunghai University, Taiwan Na Zhang, VMware, USA

Paper Submission-Publication

Papers submitted to the workshop will be reviewed by at least two members of the program committee and external reviewers. Submissions should include abstract, keywords, the e-mail address of the corresponding author, and must not exceed 10 pages, including tables and figures at a main font size no smaller than 11 point. Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work. Accepted papers will be published in a Springer LNCS volume.

The format must be according to the Springer LNCS Style. Initial submissions are in PDF; authors of accepted papers will be requested to provide source files.

Format Guidelines:
ftp://ftp.springernature.com/cs-proceeding/llncs/llncs2e.zip

Abstract, Paper Submission Link:
https://edas.info/newPaper.php?c=25685

Lightning Talks

Lightning Talks are non-paper track, synoptical in nature and are strictly limited to 5 minutes. They can be used to gain early feedback on ongoing research, for demonstrations, to present research results, early research ideas, perspectives and positions of interest to the community. Submit abstract via the main submission link.

General Information

The workshop is one day in length and will be held in conjunction with the International Supercomputing Conference - High Performance (ISC) 2019, June 16-20, Frankfurt, Germany.

_____

From:	Cfp <cfp-bounces@ibr.cs.tu-bs.de> on behalf of Lars Wolf via Cfp <cfp@ibr.cs.tu-bs.de>
Sent:	March 30, 2019 1:51 PM
To:	cfp
Subject:	[cfp] Fwd: [TCCC-ANNOUNCE] Extended deadline CAMIoT: The 1st International Workshop on Connected and Advanced Mobility and IoT

-------- Weitergeleitete Nachricht --------
Betreff: [TCCC-ANNOUNCE] Extended deadline CAMIoT: The 1st International Workshop on Connected and Advanced Mobility and IoT
Datum: Sat, 30 Mar 2019 21:37:35 +0400
Von: fatma outay <fatma.outay@GMAIL.COM> Antwort an: fatma outay <fatma.outay@GMAIL.COM>
An: tccc-announce@COMSOC.ORG

The 1st International Workshop on
Connected and Advanced Mobility and IoT
CAMIoT 2019

https://sites.google.com/view/camiot2019/home

in conjunction with *MobiSPC2019 *conference

Aug 19-21, 2019, Halifax, Canada

  - Paper Submission: 18th April, 2019
  - Acceptance Notification: 25th May, 2019
  - Final Manuscript Due: 25th Jun, 2019

Scope of the workshop:

The Internet of Things (IoT) is the inter-networking of various physical devices, objects, and people. It progressively advances and covers a variety of wired and wireless technologies through embedded devices, smart objects, and smart users. Acknowledging the speed of these developments over the last two decades, it's hard to deny the fact that we're moving closer to a fully-connected future every single day. Moreover, the massive amounts of data generated through these devices is creating the potential for an entirely new level of integration and usage of data.

The purpose of the 1st International Workshop on Connected and Advanced Mobility and IoT is to answer fundamental questions about the Internet of Things, connected cars, mobility, security and privacy, data processing, sustainability and what we can expect from the future of mobility and how we're going to get there.

CAMIoT 2019 will be held in conjunction with the 16th International Conference on Mobile Systems and Pervasive Computing (*MobiSPC 2019*

<http://www.google.com/url?q=http%3A%2F%2Fcs-conferences.acadiau.ca%2Fmobispc-19%2F&sa=D&sntz=1&usg=AFQjCNExetEnw-XaVfityRhXHmI8yMeKWw>)
which is co-organized in Halifax, Canada (*19-21 Aug 2019*).

Areas of interest include, but are not limited to:

  - Industrial edge computing methods for IoT
  - Big data processing in edge computing for IoT
  - Emerging IoT applications with ITS.
  - MANETs/ VANETs.
  - Road Safety
  - Driver behavior and Road Safety
  - V2V, V2I, V2X, Connected Vehicles
  - Smart Security for smart cars
  - Routing protocols in vehicular networks.
  - MAC layer in VANETs
  - Wireless Network.
  - Network Security
  - Smart and creative cities
  - Sustainability of manufacturing within IoT
  - Smart mobility
  - IoT impact on infrastructures
  - Industrial Networks and Intelligent Systems
  - Automotive Cybersecurity
  - Cybersecurity for connected and autonomous vehicles
  - Crowdsourcing in connected mobility
  - Security & Privacy Issues in Vehicle Communication Environment
  - Safety & non-safety applications of Connected Vehicles
  - Automotive Electronics and Automatic Control in Vehicular Networks
  - Traffic & Transportation Systems in Vehicular Networks
  - Telematics and Mobile Internet
  - Vehicular Cloud Computing
  - Mobility and the Internet of Vehicles
  - Big Data and Vehicle Analytics
  - Data mining and Data analytic in next Generation of Vehicle Telematics
  Products
  - Data worthiness in connected vehicles
  - Sustainable transport
  - Driver Behavior Analysis
  - Visibility and Image Processing
  - Vehicle Environment Perception
  - Cognitive and Context-aware Intelligence

SUBMISSION AND PROCEEDINGS

All papers accepted for workshops will be included in the MobiSPC 2019 proceedings, which will be published by Elsevier. The authors must follow Elsevier guidelines as given on the *MobiSPC 2019 website* <http://www.google.com/url?q=http%3A%2F%2Fcs-conferences.acadiau.ca%2Fmobispc-19%2F%23paperSubmissions&sa=D&sntz=1&usg=AFQjCNF4TGs0QrGHwdESCdqZ_FEXYkD6Ug>.

The number of pages for workshop papers is limited to 6 pages.

Paper format

The submitted paper must be formatted according to the guidelines of Procedia Computer Science
<http://www.google.com/url?q=http%3A%2F%2Fwww.elsevier.com%2Fwps%2Ffind%2Fjournaldescription.cws_home%2F719435%2Fdescription%23description&sa=D&sntz=1&usg=AFQjCNHVduTsxjIi-VgwR8TS5qbaJtLPhQ>,
MS Word Template
<http://www.google.com/url?q=http%3A%2F%2Fcs-conferences.acadiau.ca%2Fmobispc-19%2Ftemplates%2FMobiSPC19_PROCS_Template.doc&sa=D&sntz=1&usg=AFQjCNEXCefpYa7dHPgb7lGH4b3GaWhNQQ>,
Latex
<http://www.google.com/url?q=http%3A%2F%2Fcs-conferences.acadiau.ca%2Fmobispc-19%2Ftemplates%2FMobiSPC19_PROCS_Template.zip&sa=D&sntz=1&usg=AFQjCNFu9cbiW-ufCzjHJbOo9L_2Bt8CyA>,
Template Generic
<http://www.google.com/url?q=http%3A%2F%2Fcs-conferences.acadiau.ca%2Fmobispc-19%2Ftemplates%2FMobiSPC19-Template-Generic.pdf&sa=D&sntz=1&usg=AFQjCNGjvbOuAdtaZx3LSkd1HMOcfaT-pQ>,
Elsevier.

Submission

Authors should submit their contributions here, electronically in PDF format.

CLICK HERE to submit your workshop paper

EasyChair

The submission processes will be managed by easychair.org. If you have used this system before, you can use the same username and password. If this is your first time using EasyChair, you will need to register for an account by clicking the "I have no EasyChair account" button. Upon completion of registration, you will get a notification email from the system and you are ready for submitting your paper. You can upload and re-upload the paper to the system by the submission due date. In case of any problem with submission, please contact the workshop chair for assistance.

Selective outstanding papers

The selective outstanding papers presented at the workshops, after further revision, will be considered for publication in journals special issues.
Selected papers will be invited for publication, in the special issues journal with high impact factor (details will be put online shortly).

All workshops accepted papers will be printed in the conference proceedings published by Elsevier Science in the open-access Procedia Computer Science series (online). Procedia Computer Sciences is hosted on *www.elsevier.com*
<http://www.google.com/url?q=http%3A%2F%2Fwww.elsevier.com&sa=D&sntz=1&usg=AFQjCNGVsl-cPwLzQRSK9IqJTDcCmg4ylg>
and on Elsevier content platform *ScienceDirect*
<http://www.google.com/url?q=http%3A%2F%2Fwww.sciencedirect.com&sa=D&sntz=1&usg=AFQjCNHKeyi8T1Xc4DVqX_lsJ-fDB8oa2g>,
and will be freely available worldwide. All papers in Procedia will also be indexed by *Scopus*
<http://www.google.com/url?q=http%3A%2F%2Fwww.scopus.com&sa=D&sntz=1&usg=AFQjCNHyTKH6W4PMKxzozSTaX1HmJ67Mrw>
and *Engineering Village*

<http://www.google.com/url?q=http%3A%2F%2Fwww.engineeringvillage.com&sa=D&sntz=1&usg=AFQjCNGDQ2iG-n1IjLHj3Ecit9nsQTU3zQ>
(Ei). This includes *EI Compendex*
<http://www.google.com/url?q=http%3A%2F%2Fwww.ei.org%2Fcompendex&sa=D&sntz=1&usg=AFQjCNEtwjDanJAkOl m8g5Ttot0YHeAFnA>.
All accepted papers will also be indexed in *DBLP* <http://www.google.com/url?q=http%3A%2F%2Fdblp.uni-trier.de%2F&sa=D&sntz=1&usg=AFQjCNEH92QzwG53nqoBMlHR8bkn8qQcKA>
.

*Technical Program Committee (TPC) members: *(*Tentative*)

  - *Faouzi Kamoun, ESPRIT Engineering School, Tunisia*
  - *Zouheir Trabelsi, UAE University, UAE*
  - *Fatma Outay, Zayed University, UAE*
  - *Samia bouchafa, University d'Evry-Val-d'Essone, France*
  - *Véronique Vèque, Université Paris Sud 11, France*
  - *Ansar Yasar, Hasselt University, Belgium*
  - *Nafaa Jabeur, German University of Technology, Oman*
  - *Haroon Malik, Marshall University, USA*
  - *Atta Baddi, University of Reading, UK*
  - *Davy Preuveneers, KU Leuven, Belgium*
  - *Stephane Galland, UTBM, France*
  - * Andrew Leonce, Zayed University, UAE*
  - *Ines Thabet, ESEN, Tunisia.*
  - *Nadia Yaacoubi, ISG, Tunisia*
  - *Mohamed Badra, Zayed University, UAE*
  - Rafik Zayani, SupCom , Tunisia

WORKSHOP ORGANIZERS

Dr. Fatma Outay (Workshop Organizer)

College of Technological Innovation

Zayed University, Dubai, UAE

Fatma.OUTAY@zu.ac.ae

Dr. Ansar-Ul-Haque Yasar (Workshop Co-Organizer)

Transportation Research Institute

Hasselt University, Belgium

ansar.yasar@uhasselt.be.

If you have any further questions please contact one of the workshop organizer