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Wired/Wireless Internet Communications

16th IFIP WG 6.2 International Conference, WWIC 2018
Boston, MA, USA, June 18–20, 2018
Proceedings

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Preface

We welcome you to the joint proceedings of the 16th International Conference on Wired/Wireless Internet Communications (IFIP WWIC). The conference constitutes a forum for the presentation and discussion of the latest results in the field of wired/wireless networks and aims at providing research directions and fostering collaborations among the participants. In this context, the Program Committee accepts a limited number of papers that meet the criteria of originality, presentation quality, and topic relevance. IFIP WWIC is a single-track conference that has reached, over the past 16 years, a high-quality level, which is reflected by the paper acceptance rate as well as the level of attendance. Following the conference tradition, there is a best paper award.

The 16th IFIP WWIC technical program addressed various aspects of next-generation data networks, such as the design and evaluation of protocols, the dynamics of the integration, the performance trade-offs, the need for new performance metrics, and cross-layer interactions. Moreover, we further solicited submissions on bio-inspired, machine-learning based, and data-driven approaches for network architecture and protocol design, and for wired/wireless system planning and optimization. WWIC 2018 received 42 submissions from 19 countries and five different continents, as a clear evidence of the international scope of the WWIC conferences. A highly selective review process allowed us to include 26 accepted papers, and to realize a high-quality technical program. The 50+ members of the Technical Program Committee rigorously checked the scientific quality and technical soundness of all the papers, as well as their degree of innovation and the adequacy of the presentation, and produced at least three single-blind reviews for each submission. From all research papers submitted, and based on the quality of the presentation, and of the indications of the reviewers, the program chairs elected the following best paper:

- “Ranged Name Retrieval: Design and Evaluation of a Flexible Data Retrieval Approach for ICN.” Authors: Konstantinos Trichias, Lucia D’Acunto, Floris Drijver and Bastiaan Wissingh (TNO, The Netherlands)

The current edition of the conference was organized in cooperation with Boston University and Northeastern University: We thank these organizations for their great support. Finally, we would like to express our gratitude to all our colleagues for submitting papers to the WWIC scientific sessions, as well as to the members of the WWIC Technical Program Committee and the reviewers, for their excellent work and dedication.

July 2018

Kaushik Roy Chowdhury
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Contents

IoT and Sensor Networks

| | |
|---|----|
| RTT-Based Congestion Control for the Internet of Things | 3 |
| <i>Emilio Ancillotti, Simone Bolettieri, and Raffaele Bruno</i> | |
| Ranged Name Retrieval: Design and Evaluation of a Flexible Data Retrieval Approach for ICN | 16 |
| <i>Konstantinos Trichias, Lucia D'Acunto, Floris Drijver, and Bastiaan Wissingh</i> | |
| Distributed Path Reconfiguration and Data Forwarding in Industrial IoT Networks | 29 |
| <i>Theofanis P. Raptis, Andrea Passarella, and Marco Conti</i> | |
| Real-World Deployments of Sensor Networks: Practical Lessons for Researchers | 42 |
| <i>Marcin Brzozowski, Max Frohberg, and Peter Langendoerfer</i> | |
| An Obstacle-Aware Clustering Protocol for Wireless Sensor Networks with Irregular Terrain | 54 |
| <i>Riham Elhabyan, Wei Shi, and Marc St-Hilaire</i> | |
| Evolutionary-Based Coverage Control Mechanism for Clustered Wireless Sensor Networks | 67 |
| <i>Riham Elhabyan, Wei Shi, and Marc St-Hilaire</i> | |

Learning-Based Networking

| | |
|--|-----|
| Toward Resilient Smart Grid Communications Using Distributed SDN with ML-Based Anomaly Detection. | 83 |
| <i>Allen Starke, Janise McNair, Rodrigo Trevizan, Arturo Bretas, Joshua Peeples, and Alina Zare</i> | |
| Machine Learning-Based Real-Time Indoor Landmark Localization. | 95 |
| <i>Zhongliang Zhao, Jose Carrera, Joel Niklaus, and Torsten Braun</i> | |
| An Intelligent Defense and Filtration Platform for Network Traffic | 107 |
| <i>Mehrnoosh Monshizadeh, Vikramajeet Khatri, Buse Atli, and Raimo Kantola</i> | |

Network Deployment

Implementation and Evaluation of Distributed Geographical Routing 121
Bernd Meijerink and Geert Heijenk

Testbed Evaluation of Optimized REACT over Multi-hop Paths 134
*Matthew J. Mellott, Charles J. Colbourn, Violet R. Syrotiuk,
and Ilenia Tinnirello*

Segmented Source Routing for Handling Link Failures in Software
Defined Network. 146
Sharvari Komajwar and Turgay Korkmaz

Protocol Heterogeneity Issues of Incremental High-Density
Wi-Fi Deployment 159
*Haymanot Gebre-Amlak, Md Tajul Islam, Daniel Cummins,
Mohammed Al Mansoori, and Baek-Young Choi*

How to Quantify *Trust* in Your Network Emulator? 171
*Domenico Capriglione, Gianni Cerro, Luigi Ferrigno,
and Gianfranco Miele*

On the Fraction of LoS Blockage Time in mmWave Systems with Mobile
Users and Blockers 183
Dmitri Moltchanov and Aleksandr Ometov

Network Security

An Anti-jamming Strategy When it Is Unknown Which Receivers Will
Face with Smart Interference 195
Andrey Garnaev, Wade Trappe, and Athina Petropulu

Quantifying the Information Leak in IEEE 802.11 Network Discovery 207
Otto Waltari and Jussi Kangasharju

Pairing-Based Cryptography on the Internet of Things:
A Feasibility Study 219
*Ioanna Karantaidou, Spyros T. Halkidis, Sophia Petridou,
Lefteris Mamatas, and George Stephanides*

Aerial Networks

QoS-Based Mobility System for Autonomous Unmanned Aerial Vehicles
Wireless Networks 233
Angelo Trotta and Luca Sciullo

Implementing a System Architecture for Data and Multimedia Transmission in a Multi-UAV System 246
Borey Uk, David Konam, Clément Passot, Milan Erdelj, and Enrico Natalizio

Wireless Nanosensor Network with Flying Gateway 258
Rustam Pirmagomedov, Mikhail Blinnikov, Ruslan Kirichek, and Andrey Koucheryavy

3D Folded Loop UAV Antenna Design 269
Alexander Pyattaev, Dmitri Solomitckii, and Aleksandr Ometov

Vehicular and Content Delivery Networks

D2D Data Offloading in Vehicular Networks with Delivery Time Selection 285
Loreto Pescosolido, Marco Conti, and Andrea Passarella

Adaptive V2V Routing with RSUs and Gateway Support to Enhance Network Performance in VANET 298
Jims Marchang, Benjamin Sanders, and Dany Joy

DFCV: A Novel Approach for Message Dissemination in Connected Vehicles Using Dynamic Fog 311
Anirudh Paranjothi, Mohammad S. Khan, and Mohammed Atiquzzaman

Parametric-Decomposition Based Request Routing in Content Delivery Networks 323
Tuğçe Bilen, Dinçer Salih Kurnaz, Serkan Sevim, and Berk Canberk

Author Index 337