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# Future Access Enablers for Ubiquitous and Intelligent Infrastructures

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# Preface

After the prestigious EAI scientific events in Ohrid, Republic of Macedonia, and in Belgrade, Republic of Serbia, the Third EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (Fabulous 2017) was held in Bucharest, Romania, hosted by the Politehnica University of Bucharest. The conference succeeded in providing an excellent international platform for prominent researchers from academia and industry, innovators and entrepreneurs, to share their knowledge and their latest results in the broad areas of future wireless networks, ambient and assisted living, and smart infrastructures.

The main topics of Fabulous 2017 included future access networks, the Internet of Things and smart city/smart environment applications, communications and computing infrastructures, security aspects in communications and data processing, and signal processing and multimedia. Three special sessions – "Computational Modeling and Invited Papers," "Multimedia Security and Forensics," and "Optoelectronic Devices and Applications Thereof in the Communications Domain" – completed the technical program. With two invited papers, six keynote speeches, and 39 regular papers, Fabulous 2017 hosted high-quality technical presentations from young researchers and, also, from well-known specialists from academia and industry who have shaped the field of wireless communications.

The two invited papers were presented by two young female researchers, Elena Diana Şandru and Ana Neacşu, PhD and MSc students, respectively, from the Politehnica University of Bucharest.

The six keynote speeches were presented by Prof. Ramjee Prasad (Aalborg University, Denmark), Prof. Nenad Filipovic (University of Kragujevac, Serbia), Dr. Marius Iordache (Orange, Romania), Prof. Hana Bogucka (Poznan University of Technology, Poland), Dr. Onoriu Brădeanu (Vodafone, Romania), and Thomas Wrede (SES, Luxembourg).

Fabulous 2017 was co-sponsored by Orange Romania and SES Luxembourg. The latter company also sponsored the participation of young researchers in the conference, based on the reviewers' evaluation. The "Innovative Cybersecurity Public Private Partnership" round table, chaired by Prof. Iulian Martin from the National Defense University Carol I and sponsored by Safetech Innovation SRL and Beia Consult International SRL, were received by participants with great interest. The Best Paper Award of the conference was granted to the paper "Prediction of Coronary Plaque Progression Using a Data-Driven the Approach" having as first author Bojana Andjelkovic Cirkovic, a young researcher from University of Kragujevac, Serbia.

We would like to show our appreciation for the effort, constant support, and guidance of the Fabulous 2017 conference manager, Katarina Antalova (EAI) and of the Steering Committee members, Imrich Chlamtac, Liljana Gavrilovska, and Alberto Leon-Garcia. Our thanks also go to the Organizing Committee, and especially to the Technical Program Committee, led by Prof. Simona Halunga, whose effort

materialized in a high-quality technical program. We are also grateful to the local Organizing Committee co-chairs, Dr. Carmen Voicu and Dr. Ioana Manuela Marcu, for theirs sustained effort in organizing and supporting the conference.

Last but not least, the success of the Fabulous 2017 EAI conference is also due to the high quality of the participants, researchers from academia and industry, whose contributions – included in this volume – have proven to be very valuable. It is our opinion that Fabulous 2017 provided opportunities for the delegates to exchanges their ideas, to find mutual scientific interests, and thus, to foster future research relations.

May 2015

Octavian Fratu
Nicolae Militaru

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**Fabulous Main Track**