

Report on the ICEST 2012 Conference

From June 28 to June 30, 2012 the Faculty of Telecommunications from the Technical University of Sofia and the Faculty of Mathematics and Informatics from the St. Cyril and St. Methodius University of Veliko Tarnovo hosted the XLVII International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 2012. Following a long tradition this year's conference was organized jointly by the Faculty of Telecommunications from the Technical University of Sofia and the Faculty of Mathematics and Informatics from St. Cyril and St. Methodius University of Veliko Tarnovo, Bulgaria, by the Faculty of Technical Sciences from Bitola, Macedonia and by the Faculty of Electronic Engineering Niš, Serbia.

The official start of the Conference was the Opening Ceremony held on Thursday June 28, 2012. After a welcome speech of Prof. Roumen Arnaudov - Chairman of the Conference, the participants and numerous guests were addressed by Prof. Plamen Legkostup – Rector of St. Cyril and St. Methodius University of Veliko Tarnovo, Prof. Bratislav Milovanović and Prof. Cvetko Mitrovski, representatives of the co-organizing faculties from Niš and Bitola and Prof. Georgi Todorov - Dean of the Faculty of Mathematics and Informatics from St. Cyril and St. Methodius University of Veliko Tarnovo. Within the opening session a plenary lecture on “Progress in Optical Fiber Security Sensing Technologies” was given by Prof. Wojtek Bock, IEEE Fellow, from the Canada Research Chair in Photonics of the University of Quebec, Canada and Assoc. Prof. Tinko Eftimov, from the Faculty of Physics of the University of Plovdiv “Paisii Hilendarski.



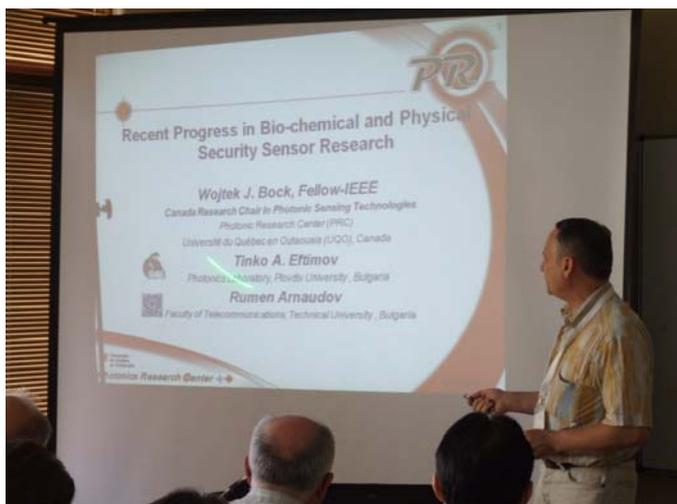
The main part of the Conference program included presentations of the scientific papers within a wide range of topics: Telecommunications Systems and Technology, Radio Communications, Microwave Techniques and Antennas, Signal Processing, Computer Systems and Internet Technologies, Computer Graphics, Control Systems, Robotics, Electronic Components, Systems and Technologies, Renewable Energies, Industrial Electronics, Metrology and Remote Sensing, Power Transmission and Distribution Systems, Electrical Machines, Education Quality, etc.

The revision of the submitted papers was done by an international board of Conference reviewers and the final selection was done by the Conference Program Committee. Total number of the papers selected for presentation was 169, 78 of which were accepted for oral sessions and 91 for poster sessions. There were 15 regular sessions, 12 poster sessions and a student session.

All papers were published in two-volume proceedings and the best papers of each regular session are about to be released in „International Journal of Reasoning-based Intelligent Systems (IJRIS)” of renowned publisher „Inderscience“.



The conference program was as well full with social events. On Thursday, June 28, all participants had the opportunity to see the unique Sound and Light audiovisual show on one of the most important historical places in Bulgaria - the Tsarevets hill, a show with variegated lights, dramatic music and church bells telling key moments of the Bulgarian history. In addition to this, the Bulgarian national cuisine, an orchestra performing Bulgarian and international music and most of all the cheerful guests made the evening of the conference dinner memorable. On Saturday June 30 the ICEST participants had the opportunity to visit the most important historical and archaeological places in Veliko Tarnovo, capital of Bulgaria during the second Bulgarian kingdom.



This conference continued the success of the series of previous ICEST Conferences, providing good atmosphere for research and academic discussions, exchange of experience and further networking of the Conference participants.

I would like to take this opportunity to thank all of the authors, members of the Technical Program Committee and Organizing committee, reviewers, sponsors, exhibitors and all the colleagues who took part in the organization and participated in the Conference itself.

Prof. *Roumen Arnaudov*
ICEST 2012 Chair
Faculty of Telecommunications
Technical University of Sofia, Bulgaria
ra@tu-sofia.bg