

ORGANIZED BY:
TECHNICAL UNIVERSITY OF SOFIA,
FACULTY OF ELECTRONIC ENGINEERING AND
TECHNOLOGIES, BULGARIA

IN CO-OPERATION WITH:
DELFT UNIVERSITY OF TECHNOLOGY,
THE NETHERLANDS

IEEE CONFERENCE RECORD #41615

The presented papers will be submitted for inclusion in
the IEEE Xplore on-line digital library.

Conference site:

<http://e-university.tu-sofia.bg/e-conf/?konf=24>

Honorary co-chairs:

Ratcho Ivanov, TU of Sofia, Bulgaria

Gerard C. M. Meijer, TU Delft, the Netherlands

General co-chairs:

Georgy Mihov, TU of Sofia, Bulgaria

Stoyan Nihtianov, TU Delft, the Netherlands

Vice chairs:

Marin Hristov, TU of Sofia, Bulgaria

Emil Manolov, TU of Sofia, Bulgaria

Secretary: Peter Yakimov, TU of Sofia, Bulgaria

ORGANISING COMMITTEE

Ivan Kralov, Technical University of Sofia, Bulgaria

Sasha Bezouhanova, Board of Trustees of TU - Sofia, Bulgaria

Boriana Tzaneva, Technical University of Sofia, Bulgaria

Dimitar Arnaudov, Technical University of Sofia, Bulgaria

George Angelov, Technical University of Sofia, Bulgaria

Nikolay Hinov, Technical University of Sofia, Bulgaria

Rossen Radonov, Technical University of Sofia, Bulgaria

Ivan Yatchev, Federation of Scientific-Engineering Unions
in Bulgaria

Kiril Alexiev, IEEE Bul. Section, Bulgaria

SECRETARIATTE

Georgi Nikolov, TU of Sofia, Bulgaria

Katya Asparuhova, TU of Sofia, Bulgaria

Tsvetomir Lazarov, TU of Sofia, Bulgaria

PROGRAM COMMITTEE

Stefan Ovcharov, Technical University of Sofia, Bulgaria

Alex Van den Bossche, Ghent University, Belgium

Anna Stoyanova, Technical University of Sofia, Bulgaria

Chris Bailey, University of Greenwich, UK

Cvetan Gavrovsky, University Ss Cyril and Methodius, Macedonia

Darius Andriukaitis, Kaunas University of Technology,
Lithuania

Irena Jekova, Bulgarian Academy of Science, Bulgaria

Istvan Sztojanov, Politehnica University of Bucharest, Romania

Ivan Dotsinsky, Bulgarian Academy of Science, Bulgaria

Ivan Tashev, Microsoft, USA

Ivan Vankov, Bulgarian Academy of Science, Bulgaria

Ivaylo Zhivkov, Brno University of Technology, Czech Republic

Ivo Iliev, Technical University of Sofia, Bulgaria

Jeroen Boydens, KU Leuven, Belgium

Jerzy Potencki, Technical University of Rzeszow, Poland

Joan Peuteman, KU Leuven, Belgium

Namyong Kim, Kangwon National University, Korea

Peter Goranov, Technical University of Sofia, Bulgaria

Philipp Philippov, Technical University of Sofia, Bulgaria

Robert Plana, LAAS CNRS, France

Sergey Vainshtein, University of Oulu, Finland

Stanimir (Stan) Valtchev, Universidade Nova de Lisboa,
Portugal

Stefan Tabakov, Technical University of Sofia, Bulgaria

Tihomir Takov, Technical University of Sofia, Bulgaria

Todor Stefanov, Leiden University, the Netherlands

Vassil Palankovsky, TU of Vienna, Austria

Vladimir Vavilov, National Research Tomsk Polytechnic
University, Russia

Valeri Mladenov, Technical University of Sofia, Bulgaria

Vencislav Valchev, Technical University of Varna, Bulgaria

Volker Zerbe, FHE, Germany

Wieslaw Kuzmicz, Warsaw University of Technology, Poland

Zivko Kokolanski, University Ss Cyril and Methodius, Macedonia

MAIN TOPICS

* Biomedical Engineering

* Circuits and Systems

* Testing, Quality and Reliability

* Education and Learning Technologies

* Embedded Systems

* Instrumentation and Measurement

* Microelectronics

* Nanoelectronics and Technologies in Electronics

* Power Electronics

* Quantum, Nuclear and Optoelectronics

OFFICIAL LANGUAGE

English is the official language of the Conference.

AUTHORS GUIDELINES

The papers must not exceed 4 pages (8 pages for Invited Papers), including all tables, figures and references.

For paper preparation see the instructions on the conference site.

The poster should be fit into a single A0 sheet.

The poster presentation will be preceded by a short oral presentation illustrated in no more than 3 Power Point slides up to 3 minutes.

REGISTRATION

The Registration, papers submission and notifications are performed on-line at the web site of the Conference.

DEADLINES

Registration and papers submission: June 15, 2017.

Notification of acceptance: July 15, 2017.

Final version submission: July 31, 2017.

CONFERENCE REGISTRATION FEE

Regular Fee before August 15, 2017	180 EUR
Regular Fee after August 15, 2017	200 EUR
Visitor Fee	140 EUR
Student Fee before August 15, 2017	140 EUR
Student Fee after August 15, 2017	155 EUR
IEEE Members Discount	15%

The registration includes:

- Admission to all Conference sessions;
- Conference set;
- Official Reception, Opening Party and Conference Gala Dinner, on Thursday evening, September 14.

BANK INFORMATION

Eurobank Bulgaria AD
Branch Sofia 1756, office Darvenitza,
8 Kl. Ohridski blvd.
IBAN BG98 BPBI 7940 1446 1397 01
BIC BPBI BGSF
Fee for ET 2017

CONTACTS

Conference e-mail: elecs@tu-sofia.bg

Peter Yakimov
Phone: +359 893 341 434, +359 2 965 3265
e-mail: pjj@tu-sofia.bg

Faculty of Electronic Engineering and Technologies
(FETT):

<http://fett.tu-sofia.bg/>



LOCATION

Sozopol is located 34 km south of Bourgas on a slender rocky peninsula. Sozopol is one of the oldest Bulgarian coastal towns. It was founded in 610 BC by Miletian Greeks.

Today this charming place is a popular beach resort best known for its casual ambience, 2 sandy beaches, and distinctive stone and wood houses, many of them are national archaeological and cultural monuments. Old Sozopol and the


relics of Saint John the Baptist, discovered at 2010, were voted the most important of “Bulgaria’s Wonders” in 2011.




While in the active tourist season in July and August Sozopol is an extremely lively town, at the end of the season it becomes very peaceful and quiet, a favourite place for artists, painters and scientists.

The conference has been held in Sozopol annually since 1990. Distinguished scientists and PhD students from Bulgaria, the Netherlands, Germany, France, Spain, Austria, Belgium, Poland, Czech Republic, Slovakia, Romania, Serbia and etc. take part. Business and Government institutions representatives discuss educational and industry problems on round tables.






XXVI INTERNATIONAL SCIENTIFIC CONFERENCE



ELECTRONICS - ET2017

ORGANIZED BY TECHNICAL UNIVERSITY OF SOFIA
FACULTY OF ELECTRONIC ENGINEERING AND TECHNOLOGIES
IN CO-OPERATION WITH
DELFT UNIVERSITY OF TECHNOLOGY, THE NETHERLANDS



Bulgaria, Sozopol, September 13-15, 2017