

Aims of the symposium

The aim of the symposium is to provide exchange of information and experiences on the new developments, trends and applications under industrial and academic view points in the field of electrical apparatus and technologies, as well as to stimulate personal contacts and fruitful cooperation, especially between industrial and academic institutions.

Honorary Chairmen:

Ilija CHALAKOV, CEEC
Mintcho MINTCHEV, TU-Sofia

Honorary Chairs:

Ilija CHALAKOV, CEEC
Mintcho MINTCHEV, TU-Sofia

Symposium Chairs:

Ivan YATCHEV, TU-Sofia
Iliana MARINOVA, TU-Sofia

Scientific Secretary:

Valentin MATEEV, TU-Sofia

Local Organizing Committee

Chair: Valentin MATEEV, TU-Sofia

Stefan PATCHEDJIEV, CEEC

Peter DARJANOV, TU-Sofia

Raina TZENEVA, TU-Sofia

Krastio HINOV, TU-Sofia

Michaela SLAVKOVA, TU-Sofia

Dilyana GOSPODINOVA, TU-Sofia

Kostadin MILANOV, TU-Sofia

Iosko BALABOZOV, TU-Sofia

Vultchan GUEORGIEV, TU-Sofia

Ivan HADZHIEV, TU-Sofia

Seferin MIRTICHEV, TU-Sofia

Vladimir LAZAROV, TU-Sofia

Zahary ZARKOV, TU-Sofia

Ivan MILENOV, VTU-Sofia

Nikolay MIHAILOV, RU-Rousse

Plamen TSANKOV, TU-Gabrovo

Bohos APRAHAMIAN, TU-Varna

Marin MARINOV, TU-Varna

Maria MARINOVA, TU-Varna

Sotir SOTIROV, Prof. A. Zlatarov University, Bourgas

Daniela OROZOVA, BFU-Bourgas

Programme Committee

Chair: Ivan YATCHEV, Bulgaria

Slavoljub ALEKSIC, Serbia

Alexander ALEXANDROV,
Bulgaria

Chavdar ALEXANDROV,
Bulgaria

Bohos APRAHAMIAN, Bulgaria

Antero ARKKIO, Finland

Dimitar ARNAUDOV, Bulgaria

Iosko BALABOZOV, Bulgaria

Hartmut BRAUER, Germany

Mihai CERNAT, Romania

Grigore CIVIDJIAN, Romania

Nenad CVETKOVIC, Serbia

Petar DARJANOV, Bulgaria

Peter DINEFF, Bulgaria

Nikolay DJAGAROV, Bulgaria

Bulent ERTAN, Turkey

Mico GACANOVIC, Bosnia and
Herzegovina

Elissaveta GADJEVA, Bulgaria

Nikola GEORGIEV, Bulgaria

Vulchan GUEORGIEV, Bulgaria

Emil HADZHIKOLEV, Bulgaria

Zeljko HEDERIC, Croatia

Iliana IATCHEVA, Bulgaria

Nathan IDA, USA

Yasushi KANAI, Japan

Elena KOLEVA, Bulgaria

Pavel KURBATOV, Russia

Andon LAZAROV, Bulgaria

Vladimir LAZAROV, Bulgaria

David LOWTHER, Canada

Christian MAGELE, Austria

Iliana MARINOVA, Bulgaria

Valentin MATEEV, Bulgaria

Bogdan MIEDZINSKI, Poland

Seferin MIRTICHEV, Bulgaria

Daniela OROZOVA, Bulgaria

Ioan POPA, Romania

Nebojsa RAICEVIC, Serbia

Marina RASHEVSKAYA, Russia

Maurizio REPETTO, Italy

Yoshifuru SAITO, Japan

Sotir SOTIROV, Bulgaria

Rad STANEV, Bulgaria

Jan SYKULSKI, England

Hannes TÖPFER, Germany

Raina TZENEVA, Bulgaria

Vencislav VALCHEV, Bulgaria

Stanimir VALTCHEV, Bulgaria

Sergey ZIRKA, Ukraine

Topics

1. Field problems, study, design and optimisation.
2. Materials and technologies.
3. Low-voltage apparatus.
4. High-voltage apparatus.
5. Actuators and sensors.
6. Power electronics.
7. Transformers, electrical machines and drives.
8. Electrotechnological processes and apparatus.
9. Renewable energy and power quality.
10. Electrohydraulics.

Call for Papers

Prospective authors are invited to submit papers on the above listed topics. Each author can participate in at most three papers. A **two-page digest** for each paper should be submitted via the conference management system. Each digest will be reviewed by at least two reviewers.

IEEE Publication

SIELA is an IEEE conference and IEEE holds the copyright of the Symposium Proceedings. All accepted and presented papers after successful similarity check will be published in the Symposium Proceedings and submitted to IEEE Xplore Digital Library.

Language

The working language of the symposium is English.

Exhibition

Exhibition will be organised during the Symposium.

Venue

The symposium will be held in hotel Bulgaria, in the town of Bourgas, situated on the coast of the Black Sea.

Registration Fee

The registration fee is 350 EUR. It includes admission to Symposium sessions, a copy of Symposium Proceedings, Welcome Cocktail, two lunches, Coffee Breaks and Gala Dinner. There will be reduced fee of 300 EUR for students and for members of CEEC and IEEE and early registration.

Deadlines

Digest submission	15.02.2024
Notification of acceptance	15.04.2024
Early registration fee deadline	30.04.2024
Receipt of full papers	31.05.2024
Receipt of exhibition intention	31.05.2024

Address for Correspondence

SIELA 2024

Union of Electronics, Electrical Engineering and
Telecommunications (CEEC)
108, Rakovski Str.
1000 Sofia
Bulgaria

Phones: (+359 2) 987 9767 (+359 2) 965 3873
(+359 2) 965 3639

Fax: (+359 2) 987 9360 (+359 2) 962 4196

E-mail: siela@tu-sofia.bg

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



**Union of Electronics, Electrical Engineering and
Telecommunications (CEEC)**

IEEE Bulgaria Section

with the support of

Technical Universities of Sofia, Varna and Gabrovo

Federation of Scientific and Technical Unions

University of Ruse "Angel Kanchev"

Faculty of Technical Sciences, "Prof. Assen Zlatarov"

University – Bourgas

House of Science and Technology – Plovdiv

Regional Organization of STU – Bourgas

Centre of Informatics and Technical Sciences at BFU

**XXIII-rd International Symposium
on Electrical Apparatus and
Technologies**

SIELA 2024



12 – 15 June 2024

Bourgas

Bulgaria