Conference Fee October 30, 2019

IEEE & EMO members350 ∈Non-members450 ∈EMO member students250 ∈Non member students300 ∈Accompanying persons200 ∈

The conference fee includes conference bag, conference proceeding tea/coffee breaks, lunches, and entrance to the exhibition, cocktail, conference dinner, social tours. Note that maximum two papers can be presented by a single conference fee payment.

In case of additional papers, each additional paper will be charged by an amount of 150 Euro.

Payment should be made by bank transfer, or by credit card as described as follows

#### Bank transfer to:

Bank Name: Turkiye Is Bankasi, Bursa Subesi

Bank Address: Ataturk Bul. no. 75-77 Cankaya, Ankara, TURKEY

**Bank Shift Code**: ISBKTRISXXX International Bank Account Number:

IBAN= TR10 0006 4000 0014 2185 8415 26

Account Holder: TMMOB Elektrik Muhendisleri Odasi Iktisadi

Isletmes

Account Holder Address: TMMOB Elektrik Muhendisleri Odasi Iktisadi Isletmesi Izmir Cad. Ihlamur Sok. No: 10/2 Kizilay, Ankara, TURKEY

Please make sure that your name, your address and the name of the conference are clearly stated on all money orders.

Please attach a photocopy of your bank receipt to the completed registration form!

Be aware that some fees will be charged by the bank for the transfer. These fees have to be paid in advance by the registrant, so that the net amount transferred is equal to the amount due.

#### Credit Card:

Refer to the conference web site http://www.eleco.org.tr

#### **Contact & Information**

The Chamber of Turkish Electrical Engineers Bursa Branch

Bursa Akademik Odalar Birligi Yerleskesi (BAOB) Odunluk Mah. Akademi Cad. No. 8 16040 Bursa, TURKEY

Telephone: +90 (224) 451 12 12 Fax: +90 (224) 451 98 99 E-mail: eleco@emo.org.tr Web site: http://www.eleco.org.tr









#### Venue: Bursa

Bursa was the capital of the Ottoman Empire between and 1326 and 1365. The mausoleums of the early Ottoman sultans are located in Bursa and the city's main landmarks include numerous edifices built throughout the Ottoman period.

Bursa also has thermal baths and several museums, including a museum of archaeology. The shadow play characters Karagoz and Hacivat are based on historic personalities who lived and died in Bursa. Bursa is also home to some of the most famous Turkish dishes such as iskender kebab, specially.

Candied marron glaces, peaches and Turkish delight. The historic towns of Iznik (Nicea) Mudanya and Zeytinbagi are all situated in the province of Bursa.

Bursa is a picturesque city located in the foothills of Mounth Uludag amidst green countryside and forest. The Mount Uludag is Turkey's ski resort and a wonderful place to visit all year round. Bursa is highly developed industrial city textile and automotive companies.

### **Social Program**

A social program including an opening reception, a conference dinner, touristic visits, sightseeing and post-session tours will be available to ensure that delegates have the opportunity to meet each other informally for the exchange of views and information.

# Announcement and Call for Papers

# **ELECO 2019**

# 11<sup>th</sup> International Conference on Electrical and Electronics Engineering

28-30 November 2019 Bursa – TURKEY



## **Conference and Exhibition**

Organizers



The Chamber of Electrical Engineers Bursa Branch



Bursa Uludag University
Department of Electrical- Electronics Engineering



Istanbul Technical University
Faculty of Electrical and Electronics Engineering

Technical Co-sponsor



**IEEE Turkey Section** 

### Aim and Scope

The eleventh "International Conference on Electrical and Electronics Engineering, ELECO'2019" will be held on 28 to 30 November 2019 in Bursa, Turkey.

The conference aims to provide a forum for electrical, electronics engineers and scientists in academia and industry to present their works and to share their experiences in the area of electrical and electronics engineering.

## **Conference Topics**

- 01 Energy sources and power markets
- 02 Electric power systems
- 03 Electrical machines and drives
- 04 Power electronics and applications
- 05 Electrical materials
- 06 High voltage techniques
- 07 Electronics
- 08 Optoelectronics
- 09 Biomedical electronics
- 10 Digital systems
- 11 Circuits and systems
- 12 Signal and image processing
- 13 Electromagnetics, microwave
- 14 Antennas and propagation
- 15 Communication systems
- 16 Sensors and instrumentation
- 17 Control systems
- 18 Mechatronics
- 19 Robotics and automation systems
- 20 Artificial intelligence
- 21 Other topics

#### **Submission of Papers**

The full papers in English in electronic format (pdf, max. 2 Mb) should be uploaded until August 23, 2019 by the corresponding author of the manuscript through web upload system on our homepage:

http://www.eleco.org.tr/

Only online submissions are accepted to facilitate rapid publication.

The submission guidelines for full papers and special session proposals are available on the conference webpage.

The authors of the accepted papers will be notified by e-mail or fax latest September 30, 2019. The first authors address will be used for all correspondences unless otherwise requested. All papers accepted for presentation at the conference will appear in the proceedings of the conference if at least one of the authors,' conference fee is paid before October 30, 2019.

The official language of the conference is English.

#### **Important Dates**

Proposals of Special Sessions

Acceptance of Special Session Proposals

Deadline for Paper Submission

Notification of Paper Acceptance

Camera Ready Paper Submission

Registration Deadline

Conference Dates

June 14, 2019

June 21, 2019

August 23, 2019

September 30, 2019

October 25, 2019

October 30, 2019

28-30 November 2019

#### Information for Authors

- The manuscripts must be prepared in double column format on A4 size paper. Proceedings will be compiled from these manuscripts.
- Five pages are allowed for each paper (including title, author(s), abstract, text, figures, tables and references).
- The margins around each page must be as follows:

on the first page:

top = 3 cm, bottom = 3.7 cm, left = 2 cm, right = 2 cm;

on the second and subsequent pages:

top = 2.5 cm, bottom = 3.7 cm, left = 2 cm, right = 2 cm.

- The width of each column must be 8.25 cm. The column separation is 0.5 cm.
- The first page of the manuscript must contain the title of the paper, author's name (s) and affiliation(s) all centered on the top of the page and spanning both columns. There must be one-line separations between the title, the author name(s) and the author affiliation(s). A two line separation is required between the author affiliation(s) and the start of the main text.
- A brief abstract not exceeding 150 words must be included at the beginning of the paper, on top of the left column.
- Please use Times New Roman font and single-space typing.
- The font sizes should be as follows:

Title 14 bold Main text 9
Author(s) 11 Headings 10 bold
Affiliation(s) 10 Subscripts 7
Abstract 9 bold Superscripts 7

- All paragraphs should be indented 0.4 mm. Be sure your text is fully justified. Please do not place any additional blank lines between paragraphs.
- Figure and table captions should be 9-point Times type.
- Initially capitalize only the first word of Branch titles and first, second-, and third-order headings must be typed and numbered with Arabic numerals. All headings are to be centered on the respective columns, with one blank line before, and one blank line after
- All figures and graphics should be centered. All figures should be cited in the paper in a consecutive order.
- Tables should be cited consecutively in the text. Every table must have a descriptive title.
- All references must be numbered consecutively and citations of references in text should be identified using numbers in square brackets (e.g., "[9]"; "[9, 10]"). All references should be cited within the text.
- All references must be listed in 9-point Times, single-spaced, at the end of your paper.

### **Organizing Committee**

Conference Chairman: Ozcan Kalenderli, Istanbul Technical Univ.

Co-Chairs: Gunes Yilmaz, Bursa Uludag University
Serdar Ozoguz, Istanbul Technical University

Vice Chairs: Gazi lpek, Chamber of Turkish Electrical Engineers

Burak Ozgen, EMO Bursa Branch

Organizing Committee Members:

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Belgin Emre Turkay, Istanbul Technical University

Bilgin Metin, Bogazici University

Cemal Hanilci, Bursa Technical University Ersen Yilmaz, Bursa Uludag University Esin Karpat, Bursa Uludag University

**Fahri Vatansever**, Bursa Uludag University **Galip Cansever**, Yildiz Technical University

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Ozgur Ustun , Istanbul Technical University

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Sait Eser Karlik. Bursa Uludag University

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Omer Adisen, EMO Bursa Branch Remzi Cinar, EMO Bursa Branch

Tunc Aladagli, EMO Bursa Branch

Conference Secretary: Huseyin Yesilseven, EMO Bursa Branch

## **Technical Program Committee**

The list is written on the conference web page.

### **Local Committee**

Chairman: Mehmet Can, EMO\* Bursa Branch
Co-Chairman: Omer Cetin EMO Bursa Branch
Ugur Yalcin, Bursa Uludag University

Mehmet Turgut, EMO Ibrahim Saral, EMO Kubulay Ozbek, EMO Evindar Aydin, EMO Cansel Aslan, EMO

Cansel Aslan, EMO Saadet Nuruilah Gulec, EMO Fatih Kaymakcioglu, EMO

Mehmet Orak, EMO
Mehmet Karabacak, EMO
Neval Simsek, EMO

Giyasi Gungor, EMO Naci Basmaci, EMO

Ahmet Turan Aydemir, EMO Serdar Ciftcan, EMO

Mustafa Akcakaya, EMO Mehmet Veysi Cevrim, EMO

Baris Coruh, EMO Tuncay Ozkoc, EMO

Mehmet Mak, EMO Adana Branch Omurhan Avni Soysal, EMO Ankara B. Ilhan Metin, EMO Antalya Branch Bulent Pala. EMO Denizli Branch

Mehmet Orak, EMO Diyarbakir Branch Ender Kelleci, EMO Eskisehir Branch Islim Arıkan, EMO Gaziantep Branch Erol Celepsoy, EMO Istanbul Branch

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Murat Kardas, EMO Samsun Branch Ismail Hakki Altas, EMO Trabzon Branch

Ismail Zumbul, EMO Bursa Branch Mert Unler, EMO Bursa Branch Mumin Ceyhan, EMO Bursa Branch Mustafa Uzel, EMO Bursa Branch Mutlu Yilmaz, EMO Bursa Branch Nevzat Akkasli, EMO Bursa Branch Osman Aykut Baskan, EMO Bursa B. Ozan Yesilkaya, EMO Bursa Branch Sabiha Cesur, EMO Bursa Branch Sedat Gokmenoglu, EMO Bursa Branch Sercan Ozkiyici, EMO Bursa Branch

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Berfu Ozkan, EMO Bursa Branch

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Erdal Aktug, EMO Bursa Branch Esra Kilinc, EMO Bursa Branch

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Hasan Azar, EMO Bursa Branch

Husamettin Pala. EMO Bursa Branch

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Gani Aksu, EMO

\*EMO: Chamber of Electrical Engineers