

**English**

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION  
OREL REGION GOVERNMENT  
ACADEMY OF ELECTRICAL AND TECHNICAL SCIENCE OF THE RUSSIAN  
FEDERATION  
OREL CITY GOVERNMENT  
UNIVERSITY OF PADERBORN (GERMANY)  
FGBOU WO “OREL STATE UNIVERSITY NAMED AFTER I.S.TURGENEV”  
FGBOU WO “ALTAI STATE TECHNICAL UNIVERSITY  
NAMED AFTER I.I. POLZUNOV”  
GU “OREL REGIONAL ENERGY SAVING CENTER”  
JOINT-STOCK COMPANY “ORELOBLENERGO”  
JOINT-STOCK COMPANY BRANCH “MRKCENTER”-“ORELOBLENERGO”  
DEPARTMENT OF “ELECTRICAL EQUIPMENT AND ENERGY SAVING”  
(FGBOU WO “OREL STATE UNIVERSITY NAMED AFTER I.S.TURGENEV”)**

organize **the XVII-th International Research-to-Practice Conference  
“Energy and Resource Saving – XXI Century”**

in Orel from 2<sup>nd</sup> to 4<sup>th</sup> of December, 2019

The Organizing Committee invites you to participate in the conference

**The Aims of the Conference**

- development and popularization of the latest achievements in science, technology and advanced experience of introduction of energy- and resource saving and digital technologies in the field of electric-power and electrical engineering
- scientific and technical information exchange, business contact establishment between native and foreign professionals and companies.

**Directions of the Conference**

1. Issues of energy- and resource saving and safety facility and city area management
2. Energy effectiveness of power supply systems and their development lines
3. Energy saving electro-technological processes and equipment
4. Energy saving machine building technologies and equipment
5. Energy- and resource saving in agro-industrial complex
6. Informational and metrological issues of energy saving
7. Intellectual technologies and automated control systems in effective energy and resource saving processes.

## General Regulations

The employees, post graduate students, department personnel of higher educational institutions and research institutes, industrial companies and offices dealing with energy- and resource saving are invited to take part in the International Research-to-Practice Conference.

Papers (originality min. 70%) arranged in accordance with the title of the workshop/direction pointed out by the author (co-authors) will be available on the web-site <http://oreluniver.ru/science/conf/>. Following the results of the Conference proceedings will be published in printed and electronic versions.

Conference Proceedings will be registered in the scientometric base RISC (Russian Science Citation Index) and assigned a corresponding library index UDC, LBC and International Standard Book Number (ISBN).

The reports containing the most valuable research and practice results are planned to be recommended for publishing in journal "IOP Conferences: Materials Science and Engineering" (IOP Publishing) indexed in Scopus (March-April 2020). The Organizing Committee of the Conference will notify the authors of selected reports of publishing requirements individually.

## Paper Requirements

Preferable minimal report volume is 3 pages of page Layout Guideline for A4 paper size with maximum completion. The text and tables should be typed in MS Word, Times New Roman, 12 font size, with singlespace, equations and formulas in MS Equation 3.0. Margins: Top, Bottom, Left and Right are 2 cm, indented line 1.27;

Papers are accepted in the native language of the author with the compulsory summary (up to 400 symbols) in the Russian, English and Native languages

### Structure of the paper:

- in the top left corner UDC (link <http://teacode.com/online/udc>) uppercase, Times New Roman, 12 font size;
- the title of the paper - uppercase, 12 font size, semibold type, centred;
- below with singlespace, right shift, italics, semibold type: Surname(-s), Name(-s) of the author (co-authors);
- below with singlespace, italics, right shift: country, city/town, institution;
- below with singlespace, text justification in width, with first line indent, Times New Roman, font size 10, italics: summary in Russian;
- below with singlespace, Times New Roman font size 10, italics: key words;
- below with one-and-a-half space: the paper text with text justification in width, in Times New Roman, font size 10, indented line 1.27;
- pictures must be saved in TIFF, JPEG, GIF formats with a resolution of at least 300 dpi. Inscriptions, symbols, numerical values in the figures are made in times New Roman font, size 12 pt. The pictures captions should be in italic and bold font size 11 pt with center alignment. The symbols are deciphered in italics of the same size with center alignment;
- the tables should be prepared using Times New Roman font, size 11 or 12 pt, single line spacing. The captions are placed above the table in 12 pt italic font with width alignment and indented line.
- formulas should be in Times New Roman font, without italics, size 12 pt, single spacing. Each formula is placed in the center. Numbering and punctuation should be placed separately from the formulas in plain text. The number is placed on the right edge of the page. It is necessary to number only those formulas to which there are references in the text;
- after the paper text below with singlespace the word "References",
- below without indented line literary sources used are listed and formatted in compliance with interstate standard GOST 7.1-2003 and GOST 7.0.5-2008 "Bibliographic record, bibliographic description. General requirements and rules";

- below with single space surname(-s), name(-s) of the author (co-authors) without any abbreviations with academic degrees, titles, place of employment, position, mail and e-mail addresses, office and/or cell phone number.
- below with single space the following information in English: the title of the paper, uppercase, in Times New Roman, 12 font size, semi bold type; Surname(-s), Name(-s) of the author (co-authors), country, city/town, institution: Times New Roman, 12 font size, semi bold type; summary and key words, literary sources used: Times New Roman font size 10, italics;

Please, send the prepared files packed by WinRAR to the Organizing Committee to e-mail: [orelrce@ostu.ru](mailto:orelrce@ostu.ru) or [kan@ostu.ru](mailto:kan@ostu.ru).

### **Terms of Participation**

To take part in the XVII-th International Research-to-Practice Conference “Energy and Resource Saving – XXI Century” all participants, individual and legal persons, should submit application form, paper and an appraisal (see Appendix) to the Conference Organizing Committee till the 15<sup>th</sup> of November (in case of “in presentio” participation) and till the 20<sup>th</sup> of November, 2019 (in case of “in absentio” participation) , by e-mail: [orelrce@ostu.ru](mailto:orelrce@ostu.ru), [kan@ostu.ru](mailto:kan@ostu.ru). Paper originality should be min. 70%. The verification report from the "Antiplagiat" system should be sent together with the paper.

Papers (min 3 - max 6 pages, A4 format) will be included into the Conference Proceedings MIK-2019 when providing the Organizing Committee of the Conference with receipt of payment order copy on payment for services "for the organization and conduct of the conference".

Cost of each paper page is 100 rubles for electronic version, and 150 rubles for hard-copy of the Conference Proceedings. For the authors from CIS countries and foreign countries each article is 15 dollars (including electronic version and mailing). The cost of the Conference participant’s diploma: in electronic form - 100 rubles; in hard-copy - 150 rubles, including the cost of mailing. The cost of an extra hard-copy of the Conference Proceedings is 450 rubles, for participants from CIS countries - 15 dollars, including the cost of mailing.

### **The Current Account to Transfer the Organizing Fee**

FGBOU WO „Orel State University named after I.S. Turgenev“ (Russia, 302026, Orel Region, Orel, Komsomolskaya Street, 95)

**Bank connection:** UFK (Federal Treasury Department) in Orel Region; business account 20546X12280; operating account: 40501810145252000013; branch bank in Orel; INN (Taxpayer Identification Number) 5752015309; KPP (Classifier of Industrial Enterprises) 575201001; BIC (Bank Identifier Code) 045402001; OKPO (All-Russian Classifier of Enterprises and Organizations) 2079909; OKONKh (All-Russian Classifier Of National Economy Sectors) 92110; OKTMO 54701000; OGRN (Principal State Registration Number) 1025700786462; KBK 000000000000000000130

### **NB: Currency account can be sent to the applicants on request.**

Please, write in bank transfer the purpose of payment “ Service Payment for Conference MIK 2019, author’s name, first name, city/town”. Please, send the remittance advice or the payment receipt to the Organizing Committee address: [orelrce@ostu.ru](mailto:orelrce@ostu.ru) или [kan@ostu.ru](mailto:kan@ostu.ru).

### **For Correspondence**

Russia, 302026, Orel Region, Orel, Komsomolskaya Street, 95, campus building Nr.11, Department of Electrical Equipment and Energy Saving (FGBOU WO “Orel State University named after I.S.Turgenev”), Room L124, tel.: 4862-41-98-53, 4862-41-98-30. Fax: 4862 751-318 (with note: conference MIK-2017)

**Kachanov Alexander Nikolayevich** - Vice-Chairman of the Organizing Committee, Doctor of Engineering Sciences, Professor, Academician of the Academy of Electrical Engineering Sciences of the RF, Head of the Department for Energy Equipment and Energy Saving, FGBOU WO “Orel State University n.a. I.S.Turgenev” e-mail: [kan@ostu.ru](mailto:kan@ostu.ru)

**Stepanov Yury Sergeevich** - Deputy-Chairman of the Program Committee, Doctor of Engineering Sciences, Professor, Distinguished Academic of the RF.

**Karnauhova Lyubov Nikolaevna** - Technical Secretary of the Organizing Committee, staff member of the Department for Energy Equipment and Energy Saving, FGBOU WO “Orel State University n.a. I.S.Turgenev”, e-mail: [orelrce@ostu.ru](mailto:orelrce@ostu.ru)

**Mironov Yevgenij Andreevich** - Technical Secretary of the Program Committee, laboratory technician at the Department for Electrical Equipment and Energy Saving, FGBOU WO “Orel State University n.a. I.S.Turgenev”, e-mail: [orelrce@ostu.ru](mailto:orelrce@ostu.ru)

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**DEAR COLLEAGUES!**

The Organizing Committee will be grateful to you for the dissemination of this information among interested persons wishing to participate in the Conference.

**Application Form\*****Participation in XVII-th International Research-to-Practice Conference  
“Energy and Resource Saving – XXI Century”**

Surname\*\* \_\_\_\_\_

Name \_\_\_\_\_

Place of employment / Institution \_\_\_\_\_

Passport Data \_\_\_\_\_

(Serie, number, given by, when, registration) –\*needed for the contract making for participant paying for services

Position, academic degree, title \_\_\_\_\_

Mail address for information and paper posting \_\_\_\_\_

Office and/or cell phone number \_\_\_\_\_

Fax \_\_\_\_\_

e-mail \_\_\_\_\_

The Title of the Paper \_\_\_\_\_

The Title of the Chosen Workshop \_\_\_\_\_

Date \_\_\_\_\_

\*Application form is necessary for contract making for the participant of the conference

\*\*For the legal person please state the full title of the institution, post and bank details.