2021 International Conference on Electrotechnical Complexes and Systems
Ufa State Aviation Technical University
Ufa, Russia, 27-29 October 2021
CALL FOR PAPERS

About the conference
Ufa State Aviation Technical University, within the framework of the Russian Energy Forum, annually holds an International Conference on Electrotechnical Complexes and Systems. The conference is held 17 times and combines issues in the field of electrotechnical complexes and systems, electromechanics, electric power engineering, electrical equipment, electrical transport and aircraft electrical equipment, alternative energy and modern information and digital technologies in the energy sector. Conference materials 2019-2020 are indexed in the Scopus database.

Conference Chair
Ph. D. Sergei Novikov (Rector of USATU, Russia)

Conference Co-Chairs
Prof. Fyur Igsmaglov (Head of the Department of Electromechanics, USATU, Russia); Prof. Slobodan Vukosavic (Department of Electrical Engineering, University of Belgrade, Serbia);

Program committee
Prof. Jacek F. Gieras (Professor, University of Science and Technology, Poland); Ph. D. Evgeni Ganev (Chief Engineer, Aerospace Solutions, Honeywell, Canada); Dr. Sachar Spas (Technical Project Manager, Vitesco Technologies, Germany); Prof. Chris Gerada (Head of Power Electronics, Machines and Control Research Group, University of Nottingham, UK); Prof. Juha Pyrhonen (Professor, Department of Energy, Lappeenranta-Lahti University of Technology LUT, Finland); Prof. Igor Bolbashenkov (Professor, Faculty of Electrical and Computer Engineering, Technical University of Munich, Germany); Prof. Hans-Georg Herzog (Head of the Department of Electrical Engineering, Munich Technical University, Germany); Dr. L.P. Di Noia (Department of Electrical Engineering and Information Technology, University of Naples named after Federico II, Italy); Dr. Jörg Kammermann (Faculty of Electrical and Computer Engineering, Technical University of Munich, Germany); Ph. D. Shojuan Song (Department of Automation, Northwestern Polytechnic University, China); Prof. Vladimir Gecha (Deputy General Director, VNIIEM Corporation, Russia); Prof. Oscar Gurewich (Deputy General Director, Central Institute of Aviation Motors, Russia); Prof. Konstantin Kovalev (Head of the Department 310, Moscow Aviation Institute, Russia); Prof. Dr. Viacheslav Vavilov (Director of the Research Institute "Electrotechnical Complexes and Systems" of USATU, Russia); Prof. Mikhail Rumyantsev (Head of the Research Institute of Electrotechnical Complexes of the Self-Contained Objects, Moscow Power Energy Institute, Russia); Prof. Yurii Kazakov (Head of Department of Electromechanics, Ivanovo Power Engineering Institute, Russia); Prof. Yurii Makarichev (Head of Department of Electromechanics and Automotive Electrical Equipment, Samara Polytech Flagship University, Russia); Ph. D. Anton Varyukhin (Head of the Department "Hybrid (electrical) power plants, systems and aircraft", Central Institute of Aviation Motors, Russia); Aleksand Pozdeev (Chief Designer, Saratov Generator Plant, Russia); Ph. D. Andrey Vlasov (General Director - Chief Designer, JSC "Elektropriboi", Russia); Prof. Saygid Uvaysov (Head of the Department of Design and Production of Radio-Electronic Means, MIREA — Russian Technological University, Russia); Ph.D. Nikita Uzhegov (Managing Director, SpinDrive, Finland); Leonid Luigin (General Director, JSC “Ufa Aggregate Production Association”, Russia); Sergey Rodionov (General Director, JSC “Experimental Design Bureau “Kristall”, Russia); Ayrat Galiev (First Deputy of General Director - Executive Director, JSC “Experimental Design Bureau “Kristall”, Russia).

Basic Information
The working languages of the conference are English, Russian. All accepted papers presented in oral or poster presentations in English, after reviewing, will be sent to the IEEE Digital Library for inclusion in the Scopus and Web of Science databases.

Conference Organizing Committee:
Ph. D. Sergei Novikov – Rector of USATU – Chairman;
Prof. Fyur Igsmaglov – Head of the Department of Electromechanics – Deputy Chairman;
Prof. Rustem Enkeev – Vice-Rector for Scientific Work of USATU – Deputy Chairman;
Aygul Kildigilova – General Director of LLC “Bashkir Exhibition Company”;
Andrey Beloglavov – Head of the Security Department of USATU;
Karinia Nikitina – Director of Editorial and Publishing Complex of USATU;
Ph. D. Viacheslav Vavilov – Director of the Research Institute "Electrotechnical Complexes and Systems" of USATU;
Ph. D. Denis Gusakov – 2021ICOECS Publication Chair.

Important Dates:
September 20, 2021 – paper submission for review;
October 01, 2021 - notification of acceptance;
October 10, 2021 - final submission;
October 15, 2021 - payment for participation in the conference;
October 27-29, 2021: holding a conference.

Fees*:
Participation in the conference – 120 $
IEEE members – 80 $
IEEE PES members – 70 $
*for one paper

Conference website: www.icoecs.com

Paper submission:
The paper should be from 4 to 6 long and comply with IEEE requirements (the paper template can be downloaded from the conference website www.icoecs.com). Authors names should be excluded from the initially submitted PDF as the double-blind peer-to-peer reviewing will be provided for the papers.

Topics:
• Electrotechnical complexes and systems;
• Electromechanics and electrical apparatus;
• Aircraft electrical equipment;
• Electric vehicles;
• Power engineering;
• Alternative energy;
• Information and digital technologies in the power engineering;
• Advanced materials in electrical engineering.

Sessions:
Day 1 (October 26, 2021): technical visits;
Day 2 (October 27, 2021): plenary sessions (VDNH-Expo);
Day 3 (October 28, 2021): USATU Breakout sessions: Karl Marks Street, 12, building 3, floor 3; Karl Marks Street, 12, building 6, floor 2;
Poster presentation: Karl Marks Street, 12, building 6, floor 2
Day 4 (October 29, 2021): cultural program.

Venue:
1. Conference and Exhibition Center
VDNH-Expo
Address: Mendeleev Street, 158
Country: Russia
City: Ufa

2. Ufa State Aviation Technical University
Address: Karl Marks Street, 12, building 3, floor 3; Karl Marks Street, 12, building 6, floor 6;
Country: Russia
City: Ufa

Contacts
Fyur Igsmaglov
e-mail: icoecs@nietkis.ru
phone: +7 (908) 350-23-12
450008, Russia, Ufa, Karl Marks Street, 12, building 4, room 207

Denis Gusakov
e-mail: gusakov@nietkis.ru
phone: +7 (917) 401-45-45
450008, Russia, Ufa, Karl Marks Street, 12, building 4, room 125