

Ministry of Education and Science of Ukraine
KHARKIV NATIONAL UNIVERSITY OF RADIOELECTRONICS

The first information letter

The Fourth International Scientific Conference "Problems of EMC in perspective wireless communication networks EMC-2018"

The Fourth International Scientific Conference "Problems of EMC in perspective wireless communication networks - EMC-2018" will be held on **22-23 May 2018** in Kharkov due to the support of the Ministry of Education and Science of Ukraine, National Academy of Sciences of Ukraine, Ministry of Infrastructure of Ukraine, State Space Agency of Ukraine, Ministry of Defense of Ukraine and Kharkiv Regional State Administration.

Organizers of the conference: Kharkiv National University of Radioelectronics, Ministry of Education and Science of Ukraine.

Co-organizers of the conference: National Academy of Sciences of Ukraine; IRE NASU, Kharkiv; Scientific & Engineering Center for Radio Engineering Systems of Academy of Science of Applied Radioelectronics (SEC RES AS ARE), Kharkiv; Ukrainian State Centre of Radio Frequencies, Research Institute "Quantum-radar", Kyiv, Institute of Radio Astronomy of NAS of Ukraine, Kharkiv, JSC "SC Radio Measurement Research Institute", Kharkiv, V.N. Karazin Kharkiv National University, Kharkiv Joint Chapter of IEEE and others.

Scientific Sections Thematic List

Section 1. EMC Theoretical problems in telecommunications.

Section 2. Telecommunications EMC radio-electronic means.

Section 3. Regulation of the use of the radio spectrum and radio monitoring.

Section 4. Specificity of EMC on mobile objects (vessels, aircraft, railway and road transport, and others.).

Section 5. Electromagnetic monitoring, measurement, control, certification.

Section 6. Electromagnetic environment: the impact of electromagnetic radiation on biological objects, radiation allowable norms, ecological protection.

Section 7. Electromagnetic compatibility of components telecommunications.

We invite you to join the EMC-2018.

In order to participate in the conference the following documents should be submitted via e-mail ems.conference.kture@gmail.com :

- Application according to the attached form (Annex 1);
- Soft copy of the report in one of the working languages (English, Russian, Ukrainian) formalized in accordance with the attached requirements and example (Annexes 2, 3).

Annex 1

Application form for participation in the Forum:

- Name of the conference section;
- Full name of the authors, academic title, academic degree, position;
- Full name of the organization;
- Address for correspondence with the city index, fax, telephone number (with area code), e-mail.

Annex 2

REQUIREMENTS TO THE REPORT:

- Volume - 2-4 pages of A4, for custom reports - up to 6 pages;
- Fields - 30 mm; indent - 1 cm;
- Font: Times New Roman, font size - 11, line spacing - single;

- Abstract should be done in English (up to 10 lines);
- The text of the manuscript should be structured and contain all the essential parts, typical for description of scientific research: introduction (reflecting the relevance, formulation of goals and objectives of the study); essence (basic material research describing ideas, methods and justification of scientific results); conclusions (reflect the results of the study, their scientific novelty and practical significance, compared with global analogues, prospects);
- Formulas, symbols, variables in the text should be typed as objects of Microsoft Equation. The height of the formulas: variable - 10 points, the index - 8, super and sub-index - 8, the main (index) mathematical symbol - 12 (10);
- Figures and tables should be clear, compact. Editors: CorelDraw, Table Editor, Microsoft Excel.

Order of the material:

TITLE (capital letters, bold, centered) The next line - surnames and initials of the authors in the middle of the line. The next line - full name of the organization in the middle of the line. The next line - postal address, telephone, e-mail of the organization or authors. The next line - the abstract in English (150-250 words). After one line – type the report starting with the indent. References are permitted (bibliography up to 5 sources; for invited papers - up to 15). Report time - up to 15 minutes, for invited papers - up to 20 minutes.

TAMPLATE

Annex 3

METHODS FOR ELECTROMAGNETIC COMPATIBILITY ANALYSIS OF RADIOELECTRONIC FACILITIES IN LTE NETWORK

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The given work is . . . (up to 10 lines).

Text of the report ...

The deadline for submission of reports and applications for participation – **April 15, 2018.**

Registration fee includes:

- 150 UAH. for participants - citizens of Ukraine
- \$ 10 US for the participants - citizens of other states.

Registration fee includes the publication of the conference program, conference proceedings, and the costs associated with organization and holding the conference, including transport costs within the Kharkiv region, the costs of advertising, communications etc.

Authors of reports of the greatest interest will be invited to publish articles in professional journal of HAC of Ukraine "Problems of telecommunications."

Notification of report acceptance by the Organizing Committee and the bank details for the transfer of money will be sent before **20 April 2018** in the second information letter. In case of personal participation in the conference registration fee can be paid on the spot.

This information letter is an invitation for the conference

Organizing Committee and Executive Secretariat of the EMC-2017: Kharkiv National University of Radioelectronics Ave. Nauki 14, 61166, Kharkov, Ukraine. Tel. (+38 057) 702-13-20, 701-01-01 Fax: (+ 38 057) 702-13-20, E-mail: ems.conference.kture@gmail.com

CONFERENCE ORGANIZING COMMITTEE