



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SEVASTOPOL NATIONAL TECHNICAL UNIVERSITY

International Young Scientist Conference

“Current-State-Of-Art Problems in Radio Engineering and Telecommunication RT-2006”

CALL FOR PAPERS

Sevastopol

October 28, 2005

Ministry of Education and Science of Ukraine, Sevastopol National Technical University (SevNTU) will hold the International Young Scientist Conference for students, post-graduates and young researches

“Current-State-Of-Art Problems in Radio Engineering and Telecommunication RT-2006”

from 17 to 21 April 2006.

All students, post-graduates and scientists under 35 are welcome. The age of co-authors is not limited.

PAPER SUBMISSION

Authors are invited to submit contributions for review and possible presentation in the conference on topics of interest to Radio Engineering and Telecommunication. Suggested topics and general information are listed below: All paper submissions must be received by no later than January 18, 2006. Please consult for instructions in the application form and paper format example presented in this call. Address all correspondence, including papers, application forms to Dr. Alexander Trushkin at rt@nm.ru.

GENERAL TOPICS OF THE CONFERENCE

1. Systems of radio and telecommunications.
2. Antennas and microwave devices
3. Measurement and control of signals, circuits, materials and engineering processes parameters.
4. Techniques and means of digital information processing and computer technologies.
5. Electromagnetic compatibility of radio-electronic devices.
6. Components of radio-electronic devices.
7. Use of radio engineering methods, devices and systems in industry.
8. Radio Physics and Radio Astronomy.

IMPORTANT DATES

1. **February 10, 2006** is deadline for:
 - sending of application for participation in the conference by e-mail (appendix A);
 - sending of abstract of the paper by e-mail (appendixes B, C).
2. **March 10, 2006** is deadline for:
 - entrance fee payment;
 - sending a copy of the payment receipt by e-mail.

GENERAL INFORMATION

1. **Languages** of the conference are Ukrainian, Russian, English.
2. **The abstracts of the papers** are planned to be published by the beginning of the conference in a form of a conference proceedings. In case you do not arrive to the conference the proceedings will be sent to you on request (for own delivery cost).
3. **Projectors** for transparent films will be provided for oral presentations.
4. **Registration** of participants will be on April 17, 2006 from 9 am till 6 pm in the entrance hall of the main building of SevNTU (University campus). You should have a copy of the payment receipt of the registration fee.
5. **Transport.** If you travel by plane you arrive to airport of Simferopol. Then you should take taxi or bus to Sevastopol (1.5-2 hours). If you arrive to the railway station or bus station of Sevastopol to reach the university you should take the bus № 4, 81, 84, 107, 109,110,112 and go to the bus stop "Studgorodok".
6. **Accommodation** will be provided by students' hostels (without food supply) and by sanatorium of SevNTU (with food supply). You may also book a hotel number.
7. **The costs** of food, accommodation, transport and entertainment are covered by participants.
8. **Return tickets** should be bought by participants in advance.

ORGANIZING COMMITTEE

Organizing Committee co-chairmen:

Lukjanchuk A. G., Pro-rector of Sevastopol National Technical University — coordinator, Sevastopol, Ukraine.
Ilchenko M.E., Corresponding Member of National Academy of Sciences of Ukraine, Pro-rector of National Technical University, Kiev.
Batura M. P., Professor, Rector of Byelorussian State University of Informatics and Radio Electronics, Minsk, Byelorussia.
Bratchikov A.N., Professor of Technical University "Moscow State Aviation Institute", Moscow, Russia.

Organizing Committee deputy chairmen:

Gimpilevich Yu. B., Head of the department of Sevastopol National Technical University — coordinator, Sevastopol, Ukraine.
Afonin D.G., Professor, Director of Laboratory of Physics Department of Lomonosov Moscow State University, Moscow, Russia.
Kuraev A. A., Professor of Byelorussian State University of Informatics and Radio Electronics, Minsk, Byelorussia.

Organizing Committee members:

Barashova O. N. (Organizing committee secretary), Engineer of Sevastopol National Technical University, Sevastopol, Ukraine.
Fidler Ul., Professor of Computer Engineering and Networks Laboratory Swiss Federal Institute of Technology Zurich, Switzerland.
Pravda V. I., Professor, Head of the department of National Technical University of Ukraine, Kiev, Ukraine;
Shokalo V. M., Professor, Head of the department of Kharkov National University of Radio Electronics, Kharkov, Ukraine;
Yurcev O.A., Professor of Byelorussian State University of Informatics and Radio Electronics, Minsk, Byelorussia;
Abramov I.I., Professor of Byelorussian State University of Informatics and Radio Electronics, Minsk, Byelorussia;
Prudius I. N Professor, Director of institute of National University "Lvivska politekhnika", Lviv, Ukraine;
Gorobets N. N., Professor, Head of the department of National University of the name of Karazyn, Kharkov, Ukraine;
Baranov P. E., Professor, Director of institute of Odessa National Polytechnic University, Odessa, Ukraine;
Manoylov V. F., Professor, Head of the department of Zhitomir State Technical University, Zhitomir, Ukraine;
Skripnik Y. A., Professor of Kiev National University of Technologies and Design, Kiev, Ukraine;
Kuleshov V.N. Professor, Head of the department of technical university "Moscow State Energy Institute", Moscow, Russia.
Ivashina M.V., Doctor, Senior Antenna Scientist, Astron, Netherlands Foundation for Research in Astronomy, the Netherlands;
Ermolov P.P., Doctor, Deputy Director of "Sevastopol - Inform", Sevastopol, Ukraine;
Krivobok V.V., Technical Director of Crimean Branch of "Kyivstar GSM", Simferopol, Ukraine;
Belikov N.I., Director of State Testing Center "Omega", Sevastopol, Ukraine;
Yakovenko Y.N., Vice-director on technical questions of Sevastopol Branch of "Ukrtelecom", Sevastopol, Ukraine;
Denisov L.V., Director of laboratory of "Design Center of Switching Gear", Sevastopol, Ukraine;
Bondarchuk V.I., Director of "Simferopol Motor Plant", Simferopol, Ukraine;
Afonin I. L., Associate professor of Sevastopol National Technical University, Sevastopol, Ukraine;
Chumakov V.I., Head of the department of Kharkov National University of Radio Electronics, Kharkov, Ukraine;
Trushkin A. N., Associate professor of Sevastopol National Technical University, Sevastopol, Ukraine;
Berdishev S. N., Assistant professor of Sevastopol National Technical University, Sevastopol, Ukraine;
Rzhevtseva N.L., Director of library of Sevastopol National Technical University, Sevastopol, Ukraine;
Negrash V. G., Director of Youth Center of Sevastopol National Technical University, Sevastopol, Ukraine;
Karelina L. A., Engineer of Sevastopol National Technical University, Sevastopol, Ukraine.

PROGRAM COMMITTEE

Organizing Committee chairmen:

Gimpilevich Yu. B. (Chairman), Head of the department of Sevastopol National Technical University, Sevastopol, Ukraine.

Program Committee members:

Trushkin A. N. (Secretary), Associate professor of Sevastopol National Technical University, Sevastopol, Ukraine.
Dubrovka F. F., Professor, Head of the department of National Technical University of Ukraine, Kiev, Ukraine;
Baburov E. F., Professor of Sevastopol National Technical University, Sevastopol, Ukraine;
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Kochina M.L., Head of the department of Central Research Laboratory of Kharkov State Medicine University, Kharkov, Ukraine;
Levkovich V.N., Professor, Head of the department of Byelorussian State University of Informatics and Radio Electronics, Byelorussia;
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Mikhajlyuk Y. P., Associate professor of Sevastopol National Technical University, Sevastopol, Ukraine.

ORGANIZING COMMITTEE ADDRESS

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 tel. +38 (0692) 23-52-58 — Gimpilevich Yury.
 tel. +38 (0692) 23-52-10 — Karelina Ludmila.
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 E - m a i l : rt@nm.ru
 WEB Page: <http://www.radio2004.h11.ru>

Appendix A

APPLICATION FORM FOR «RT - 2006»

| | |
|-------------------------------------------------------------|--|
| Headline of the paper | |
| Number of sections | |
| Full name of the paper presenter | |
| Academic degree, academic status | |
| Place of work (study) | |
| Position | |
| Business address | |
| Telephone, fax | |
| E-mail | |
| Name of co-authors | |
| Accommodation (hostel, sanatorium, hotel), number of guests | |

Appendix B

INSTRUCTION FOR AUTHORS

The abstracts (one page of standard A4 size, the font size 14 pt) are arranged according to the rules.

1. In the first line — the headline of the paper in capital letters using central alignment (bold type).
2. In the next line — the names of authors in lower-case character using central alignment.
3. In the next line— academic degree, academic status and name of scientific supervisor in lower-case character using central alignment.
4. In the next line — the full name of organization in lower-case character using central alignment.
5. In the next line — the full address of organization and telephone in lower-case character using central alignment.
6. In the next line — electronic address of author or organization in lower-case character using central alignment.
7. Then the text of the paper follows after one empty line.
8. Use WORD-6.0, 7.0, 97, 2000 text redactor with the font *Times New Roman Cyr* size of 14 pt with unit interval, with width alignment and automatic hyphenation. Margins: — left 3 cm; other 2,5 cm.
9. Figure (only one figure is allowed) inserted in the text should have: width — no more than 15 cm, height — no more than 9 cm. Use only: BMP; PCX; TIF; JPG formats. The font size under the figure is equal — 14 pt. Figures, made by WORD editor, should be grouped.
10. The list of references is arranged according to the IEEE standard.

PAYMENT PROCEDURE

1. **Payment form of the registration fee** is presented in this call. An invoice of payment will be send if it is necessary by fax. **The registration fee includes:** the conference program and proceeding.
2. **Payment:** 50 \$ of the USA.
3. **Payment procedure**
 - : **59 /Beneficiary Customer:** № 26039947004731, SEVASTOPOL NATIONAL TECHNICAL UNIVERSITY, STRELETSKAYA BALKA, STUDGORODOK
 - : **57D /Account With Institution:** UKRSOTSBANK, SEVASTOPOL BRANCH
SWIFT CODE: UKRSUAUX
 - : **56 /Correspondent bank:** Deutsche bank Trust Company Americas, New York, USA,
SWIFT CODE: BKTRUS33
ACCOUNT № 04094040
 - : **70 /remittent information:** registration fee for the conference RT-2006 proceedings publishing according to the call letter from October 28, 2005.

Appendix C**AN EXAMPLE OF ARRANGEMENT****MATHEMATICAL MODEL OF SIXPORT REFLECTOMETER**

Stasov A. I.

Scientific supervisor Doctor, Professor Baum K.

Sevastopol National Technical University

99053, Sevastopol, b. Streletsкая, Studgorodok SevNTU,

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The design approach based on the construction of transducers ...

Organizing committee co-chairman, pro-rector of SevNTU



Lukjanchuk A. G.