

VII INTERNATIONAL CONFERENCE FOR YOUNG RESEARCHERS

# **Wave Electronics and Its Applications in the Information and Telecommunication Systems**

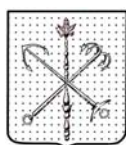
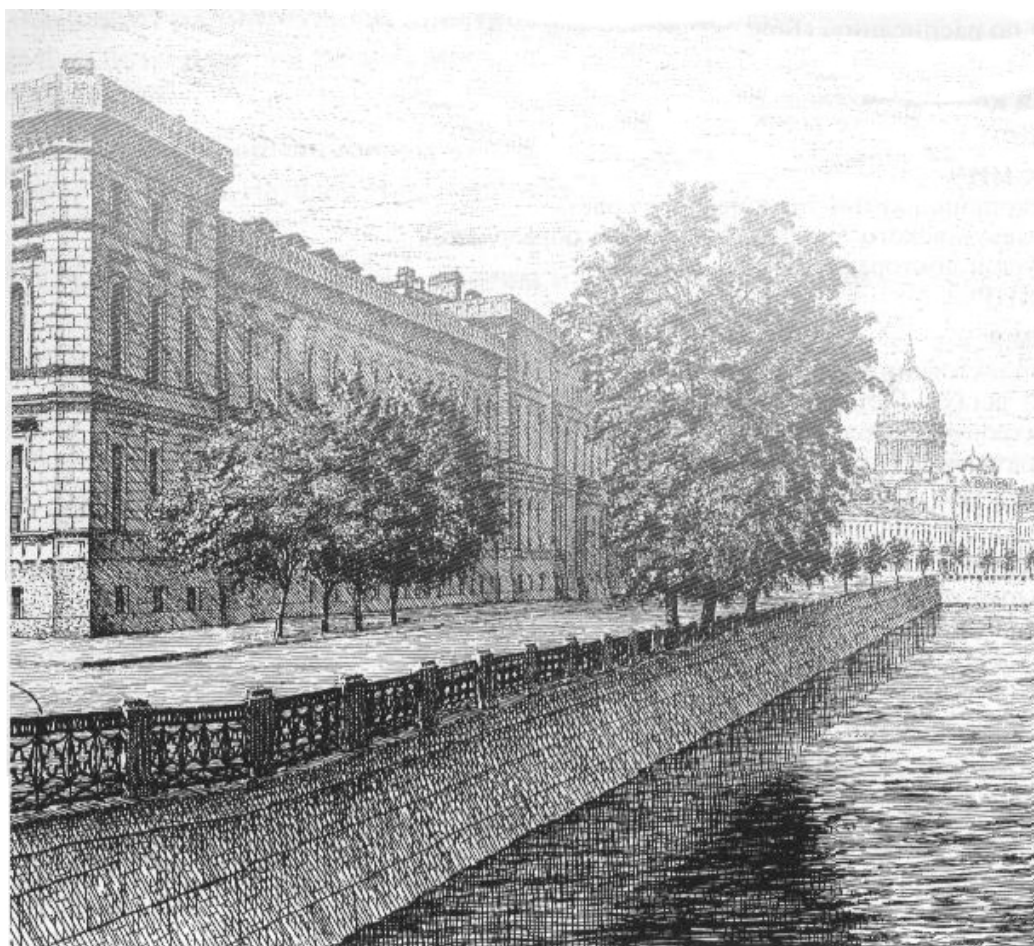
**ABOUT THIS CD-ROM**

**SPONSORS AND ORGANIZERS**

**CONTENTS**

**AUTHORS INDEX**

**PROCEEDINGS**



**St. Petersburg, Russia  
2004**

## ABOUT THIS CD-ROM

This CD-ROM contains the complete Proceedings of the **VII International Conference for Young Researchers** mentioned on the cover page and is addressed to the researchers and engineers, professors and students. The papers on this CD reflect the author's opinions and are published as presented and without change.

The browsable **Table of Contents** contains links to the full-text papers. Each paper is stored as a separate PDF file in the `../PAPERS` folder. File names for papers correspond to their page numbers.

*Example:* The file name for the paper

**THE POSSIBLE CONNECTION BETWEEN THE NON-TRIVIAL LAW  
OF SNELL AND BACKSCATTERING ON SMOOTH SURFACES**.....

**B-1**

N.F. Declercq, J. Degrieck, O. Leroy

is `B_1 . PDF`.

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**ISBN**

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The conference on Wave Electronics and Its Applications in Information and Telecommunication Systems were held every year since 1998. Since that time it has become a pleasant tradition to hold the conference every year. That time the Conference was held on board the ship cruising along the Ladoga Lake and the Neva River.

#### CONFERENCE ORGANIZERS:

- St. Petersburg State University for Aerospace Instrumentation,
- Institute of Radioengineering and Electronics of Russian Academy of Sciences (Moscow).

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**CONFERENCE TOPICS**

Topics to be considered include but not limited to:

- State-of-the-art information processing methods;
- Resonators and filters for information and telecommunication systems;
- Mathematical simulation of wave electronics devices
- Image processing in the telecommunication systems;
- New technologies based on new phenomena in wave electronics and their perspectives;
- Acoustoelectronic and acousto-optic methods for environmental monitoring and human life protection;
- Acousto-optic methods for information processing;
- Optical fiber technology applications to sensors and communication systems;
- Properties of new acoustic materials;
- Acoustic and acousto-optic methods for the investigation of materials for wave electronics;
- Spin wave theory and applications
- Wave electronic Space Application

These materials could be useful for scientists, engineers, post-graduated students, students.

**PLENARY SESSION**

<b>EVOLUTION OF BAW DEVICES, THEORETICAL UNDERSTANDING, TECHNIQUES AND USE OF PIEZOELECTRIC MATERIALS</b> .....	<b>1</b>
Raymond J. Besson	

<b>ANALYTIC METHODS IN THE THEORY OF ACOUSTIC WAVE PROPAGATION IN ANISOTROPIC BOUNDED MEDIA</b> .....	<b>2</b>
A. Darinskii, M. Weihnacht	

<b>TECHNOLOGY AND STANDARDIZATION OF MOBILE TELECOMMUNICATION SYSTEMS</b> .....	<b>7</b>
J. Yamada	

<b>INHOMOGENEOUS WAVES IN ISOTROPIC AND ANISOTROPIC MEDIA (Invited)</b> .....	<b>11</b>
N.F. Declercq, R. Briers, J. Degrieck, O. Leroy	

**SESSION A****Acousto-optic and optical methods for information processing**

(Session is devoted to the memory of Prof. V.N. Parygin)

<b>ACOUSTO-OPTIC INTERACTION IN CELLS WITH WEDGE-SHAPED TRANSDUCERS</b> .....	<b>A-1</b>
E.D. Kireeva, V.I. Balakshy	

<b>ANISOTROPIC ACOUSTO-OPTIC INTERACTION IN CELLS WITH SECTIONALIZED TRANSDUCERS</b> .....	<b>A-7</b>
A.N. Vostrikova, V.I. Balakshy	

<b>THE STUDY OF ALTERNATE STRAIN EFFECT ON ELECTRON AND OPTICAL PROPERTIES OF LASER HETEROSTRUCTURES</b> .....	<b>A-12</b>
L.A. Kulakova, A.V. Lyutetskiy, N.A. Pikhtin, I.S. Tarasov, E.Z. Yakhkind	

<b>THE EFFICIENCY OF THE PHASE MANIPULATED SIGNAL CODE DETERMINATION IN THE ACOUSTO-OPTIC DEMODULATOR ON BACKGROUND OF THE NOISES</b> .....	<b>A-17</b>
G.S. Nakhmanson, P.L. Mankov	

**SESSION B****Acoustoelectronics**

<b>THE POSSIBLE CONNECTION BETWEEN THE NON-TRIVIAL LAW OF SNELL AND BACKSCATTERING ON SMOOTH SURFACES</b> .....	<b>B-1</b>
N.F. Declercq, J. Degrieck, O. Leroy	

<b>THE EXISTENCE OF A BAND-GAP FOR RAYLEIGH WAVES ON COATED SOLIDS</b> .....	<b>B-7</b>
N.F. Declercq, J. Degrieck, O. Leroy	

**SESSION E****Magnetostatics Waves**

<b>INVESTIGATION OF SPATIAL MICRO MAGNETIC FIELD DISTRIBUTION BY METHOD OF COMPUTER MAGNETO OPTIC VISUALIZATION</b> .....	<b>E-1</b>
D.E. Balabanov, S.A. Nikitov, P.V. Sherstnev	

**POSTERS A:****Acousto-optic and optical methods for information processing**

<b>TO POSSIBILITY OF SELECTIVE HIGH DIFFRACTION ORDERS SUPPRESSION FOR MONOCHROMATIC RADIO SIGNAL BY MEANS OF THE 3-RD SIGNAL HARMONIC ADDING IN THE RAMAN-NATH REGIME</b> .....	<b>AP-1</b>
A.V. Vainer, V.V. Proklov, Yu.G. Rezvov	

<b>MATHEMATICAL MODEL OF TUNEABLE ACOUSTO-OPTIC FILTER OF CHIRP COMPRESSION</b> .....	<b>AP-7</b>
Y.G. Antonov, V.N. Ushakov	
<b>ACOUSTOOPTIC PROCESSING OF PHASED ARRAY ANTENNAS WITH FREQUENCY DIVISION OF CHANNELS</b> .....	<b>AP-13</b>
K.P. Naumov, A.V. Puliaev	
<b>POSTERS B:</b>	
<b>Acoustoelectronics</b>	
<b>SOME PROPERTIES OF WAVES HAVING COMPLEX FREQUENCY</b> .....	<b>BP-1</b>
N.F. Declercq, J. Degrieck, O. Leroy	
<b>MULTIELEMENTAL ACOUSTO-ELECTRONIC PROCESSORS WITH TIME OFFSET</b> .....	<b>BP-12</b>
A.V. Senin, P.N. Petrov, V.S. Kravets	
<b>ACOUSTO-ELECTRONIC DEVICES WITH COMPENSATION OF DISTORTION OF WAVE FRONTS BY PHASE CONJUGATION METHODS</b> .....	<b>BP-19</b>
A.V. Rozhkov, A.V. Senin, P.N. Petrov, A.V. Platonov	
<b>A DATABASE FOR SAW COMPONENTS</b> .....	<b>BP-29</b>
O.L. Balysheva, Yu.G. Smirnov, D. Buchilov	
<b>ENERGY CHARACTERISTICS OF BULK, SURFACE, AND PLATE ACOUSTIC WAVES IN PIEZOELECTRIC MATERIALS</b> .....	<b>BP-33</b>
A. Teplykh, B. Zaitsev, E. Kuznetsova	
<b>POSTERS C:</b>	
<b>Signals and Telecommunication and Information Systems</b>	
<b>CLASSIFICATION OF SIGNALS WITH DIGITAL MODULATION BY NEURAL NETWORKS</b> .....	<b>CP-1</b>
V.V. Khilkevich, V.V. Lapitsky	
<b>FREQUENCY OFFSET CORRECTION FOR OFDM MODULATION SIGNALS OVER FREQUENCY-SELECTIVE RAYLEIGH CHANNEL</b> .....	<b>CP-6</b>
A.B. Natalyin, A.B. Sergienko, M.S. Sidorov	
<b>JOINT FREQUENCY AND TIME OFFSET ESTIMATION FOR OFDM MODULATION SIGNALS OVER FREQUENCY-SELECTIVE RAYLEIGH CHANNEL</b> .....	<b>CP-10</b>
A.B. Natalyin, A.B. Sergienko, M.S. Sidorov	
<b>PASSAGE OF OFDM SIGNAL WITH HIGH PEAK TO AVERAGE POWER RATIO THROUGH SYSTEM WITH SMALL DYNAMIC RANGE</b> .....	<b>CP-14</b>
I.K. Suvalov	
<b>ELECTROMAGNETIC TRANSIENT ANALYSIS OF THE PLANAR ANTENNAS TO PULSE EXCITATION</b> .....	<b>CP-20</b>
G.A. Kostikov, M.I. Sugak	

## AUTHOR INDEX

<b>A</b>		Senin A.V.	BP-12, BP-19
Antonov Y.G.	AP-7	Sherstnev P.V.	E-1
<b>B</b>		Sidorov M.S.	CP-6, CP-10
Balabanov D.E.	E-1	Smirnov Yu.G.	BP-29
Balakshy V.I.	A-1, A-7	Suvalov I.K.	CP-14
Balysheva O.L.	BP-29	Sugak M.I.	CP-20
Besson Raymond J.	1	<b>T</b>	
Briers R.	11	Tarasov I.S.	A-12
Buchilov D.	BP-29	Teplykh A.	BP-33
<b>D</b>		<b>U</b>	
Darinskii A.	2	Ushakov V.N.	AP-7
Degrieck J.	11, B-1, B-7, BP-1	<b>V</b>	
Declercq N.F.	11, B-1, B-7, BP-1	Vainer A.V.	AP-1
<b>K</b>		Vostrikova A.N.	A-7
Khilkevich V.V.	CP-1	<b>W</b>	
Kireeva E.D.	A-1	Weihnacht M.	2
Kostikov G.A.	CP-20	<b>Y</b>	
Kravets V.S.	BP-12	Yakhkind E.Z.	A-12
Kulakova L.A.	A-12	Yamada J.	7
Kuznetsova E.	BP-33	<b>Z</b>	
<b>L</b>		Zaitsev B.	BP-33
Lapitsky V.V.	CP-1		
Leroy O.	11, B-1, B-7, BP-1		
Lytetskiy A.V.	A-12		
<b>M</b>			
Mankov P.L.	A-17		
<b>N</b>			
Nakhmanson G.S.	A-17		
Natalyin A.B.	CP-6, CP-10		
Naumov K.P.	AP-13		
Nikitov S.A.	E-1		
<b>P</b>			
Petrov P.N.	BP-12, BP-19		
Pikhtin N.A.	A-12		
Platonov A.V.	BP-19		
Proklov V.V.	AP-1		
Puliaev A.V.	AP-13		
<b>R</b>			
Rezvov Yu.G.	AP-1		
Rozhkov A.V.	BP-19		
<b>S</b>			
Sergienko A.B.	CP-6, CP-10		