

Federal State Budgetary Educational Institution of Higher Education
“Kerch State Maritime Technological University”
Federal Autonomous Budgetary Educational Institution of Higher Education
“Moscow Polytechnic University”



**МОСКОВСКИЙ
ПОЛИТЕХ**

PROGRAMME
Recent Achievements and Prospects
of Innovations and Technologies
Proceedings of X All-Russian Science-Practical Conference of
Students, Postgraduates and Young Scientists
(Kerch, April 29, 2021)

ПРОГРАММА
«Достижения и перспективы инноваций и технологий»
Материалы X Всероссийской научно-практической конференции
студентов, аспирантов и молодых учёных
(г. Керчь, 29 апреля 2021 г.)



Kerch- Moscow 2021

ОРГКОМИТЕТ КОНФЕРЕНЦИИ

Председатель: *Е.П. Масюткин* – кандидат технических наук, профессор, ректор Керченского государственного морского технологического университета, г. Керчь

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А.С. Зуева – кандидат экономических наук, доцент, доцент кафедры компьютерного права и информационной безопасности Высшей школы государственного аудита Московского государственного университета имени М.В. Ломоносова, доцент кафедры правового обеспечения публичных финансов Института законодательства и сравнительного правоведения при Правительстве Российской Федерации, доцент кафедры «Государственный финансовый контроль и казначейское дело» Финансового университета при Правительстве РФ, г. Москва;

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РАБОТА КОНФЕРЕНЦИИ:

29 апреля 2021 г.

конференция состоится в Керченском государственном морском технологическом университете по адресу: Крым, г. Керчь ул. Орджоникидзе 82

12.00-13.00 – регистрация участников конференции

13.00-13.30 – открытие конференции, пленарное заседание

13.30-16.00 – работа секций, круглый стол с подведением итогов работы

ФОРМАТ КОНФЕРЕНЦИИ: Конференция будет проходить в смешанном очно-дистанционном формате с использованием системы видеоконференцсвязи.

Регламент конференции

Выступления на пленарном заседании – 5-7 мин

Выступления по секциям – 5 мин.

Пленарное заседание

Ивановский Николай Владимирович, канд. техн. наук, доцент, декан морского факультета, ФГБОУ ВО «Керченский государственный морской технологический университет», г. Керчь

Кручина Ольга Николаевна, канд. пед. наук, доцент, заведующая кафедрой иностранных языков, ФГБОУ ВО «Керченский государственный морской технологический университет», г. Керчь

VIDEO PRESENTATIONS AND REPORTS

GADGET FOR MONITORING AND PREDICTING THE CONDITION OF NEWBORN

Video: <https://drive.google.com/file/d/1vzB1dPsItRQ7iednm1VyHMBmgn2lYgBq/view>

Anastasia Valevich, Irina Artser,

Scientific supervisor: **Natalia V. Aksenova**, Tomsk Polytechnic University

BIODIESEL AS AN INNOVATION

Video: <https://clck.ru/UR2eK>

Yulia Kokorina, Evgeniya Chebanova, Amir Naurusov, Scientific advisor, **Natalia Aksenova**, Tomsk Polytechnic University, Tomsk

SMART BABY TRACKER: GADGET FOR MONITORING AND PREDICTING THE CONDITION OF NEWBORN

Video: <https://drive.google.com/file/d/1vzB1dPsItRQ7iednm1VyHMBmgn2lYgBq/view>

Anastasia Valevich, Irina Artser

Scientific advisor, **Natalia Aksenova**, Tomsk Polytechnic University, Tomsk

WATER QUALITY IN CENTRALIZED WATER SUPPLY SYSTEMS (CAMPUS OF TOMSK POLYTECHNIC UNIVERSITY)

Presentation: <https://cloud.mail.ru/public/aABN/KQkPUswBi>

 [KorablevaVA_Ecologicalproblems.mp4](https://cloud.mail.ru/public/aABN/KQkPUswBi)

Viktoriya Korableva

Scientific advisor, **Nadezda Kobzeva**

Tomsk Polytechnic University

DEVELOPMENT OF GEOTHERMAL ENERGY ON THE EXAMPLE OF THE TOMSK REGION

<https://youtu.be/TQvT-Fy560k>

Natalia Pichueva

*Scientific advisor, NadezdaKobzeva
Tomsk Polytechnic University*

ENVIRONMENTAL PROBLEMS IN PRODUCTION

Video:

<https://disk.yandex.ru/d/iwIwQ3gczwRUeA/Zoom%20%D0%9A%D0%BE%D0%BD%D1%84%D0%B5%D1%80%D0%B5%D0%BD%D1%86%D0%B8%D1%8F%202021-04-14%2021-34-08.mp4?w=1>

Angelina Terkina

*Scientific advisor, Natalia Aksenova,
Tomsk Polytechnic University, Tomsk*

THE INFLUENCE OF MODERN INFORMATION TECHNOLOGIES ON THE PROCESS OF LEARNING A FOREIGN LANGUAGE

https://drive.google.com/file/d/1q9sHb4VA5jEJLZ8r1_kRTGGaUloq2BoD/view?usp=sharing

Daniil Lyubanko, Anastasia Gavrichkina

Scientific supervisor: Natalia V. Aksenova, Tomsk Polytechnic University

SECTIONS WORK

SECTION 1: ENGINEERING INNOVATION PROCESSES



METHODS FOR IMPROVING THE QUALITY OF ELECTRIC POWER IN THE UNIFIED MARINE POWER SYSTEMS

Vasiliy Berezhniyi

2nd year cadet of Marine Department

FSBEI HE "Kerch State Maritime Technological University"

Svetlana Pastukhova

*PhD in Philology, Associate Professor, Foreign Languages Department,
FSBEI HE "Kerch State Maritime Technological University"*

METHOD FOR INCREASING THE ACCURACY OF THE POSITIONING DEVICE

Maksim Chastikov

*4th year student, Radioengineering and Telecommunications Department
Sevastopol State University,*

Maksim Durmanov

*Scientific advisor, senior lecturer, Radioengineering and Telecommunications
Department, Sevastopol State University*

INTRODUCTION OF BIOMETRIC ELEMENTS INTO ACCESS CONTROL SYSTEMS

Anastasiya Bukina,

*4th student, Institute of Radio-Electronics and Informaiton Security,
Sevastopol State University,*

Karen Yakubov

*4th year student, Institute of Radio-Electronics and Informaiton Security,
Sevastopol State University,*

Irina Lashchenko

*Associate Professor, Institute of Radio-Electronics and Informaiton Security,
Sevastopol State University*

ENVIRONMENT CLASSIFICATION FOR UNMANNED AERIAL VEHICLE USING CONVOLUTIONAL NEURAL NETWORKS

Denis Dudakov

2nd year student of Moscow State University in Sevastopol

Svetlana Pastukhova

*PhD in Philology, Associate Professor, Foreign Languages Department,
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INTELLIGENT GREENHOUSE LIGHTING

Pavel Evdokimov

3rd year student, Electronics Engineering Department, Sevastopol State University

Elena Shirokova

*4th year student, Radio engineering and Telecommunications Department,
Sevastopol State University*

*Scientific advisor, **Igor Shirokov***

*Doctor of Technical Sciences, Professor, Electronics Engineering Department,
Sevastopol State University*

EXPERIMENTAL EQUIPMENT FOR RESEARCH THE ATTENUATION OF LOW-FREQUENCY ELECTROMAGNETIC WAVES IN ROCKS

Mariya Frolova, Semyon Yankovskiy, Danil Syzykh, Igor Rudenko

*Graduate students, Department of Radio Engineering and Telecommunications,
Sevastopol State University,*

Maksim Durmanov

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WIRELESS TRANSMISSION OF ELECTRICITY

Igor Gabriel

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Svetlana Pastukhova

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Department, FSBEI HE “Kerch State Maritime Technological University”*

DEVELOPMENT OF A TESTING AREA FOR MEASURING PARAMETERS OF MOVEMENT OF SMALL-SIZED UAVS

Nikita Kleshchev, Dmitriy Likhnenko, Alexey Samsonenko

*2nd year students, Institute of Radio Electronics and Information Security,
Sevastopol State University,*

Ivan Kudryavchenko

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BIODIESEL AS AN INNOVATION

Video: <https://clck.ru/UR2eK>

Yulia Kokorina, Evgeniya Chebanova, Amir Naurusov

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*Scientific advisor, Natalia Aksenova,
Associate professor, PhD in Literature
FIEI «National Research Tomsk Polytechnic University», Tomsk*

**NEW CLASSES OF HILBERT SPACES WITH
A REPRODUCTIVE CORE**

Alexander Kozhemyakin

*1st year postgraduate student, Radioelectronics and Telecommunications
Department, Sevastopol State University,*

Gennady Slyozkin

Radioelectronics and Telecommunications Department, Sevastopol State University,

Andrey Degtyaryov

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CIRCULAR POLARIZED ANTENNA FOR MEASURING BUOY

Vladimir Kozhemyakin

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Sevastopol State University,*

Scientific advisor: Yuriy Tyschuk

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**MICROSTRIP DIRECTIONAL SLIT ANTENNA FOR WI-FI
COMMUNICATION SYSTEMS**

Vladimir Kozhemyakin

*4th year student, Radio Electronics and Telecommunications Department,
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CLIMATE CONTROL MODULE IN THE SMART HOME SYSTEM

Lyudmila Krivobok

*1st year student of the magistracy of the Department of Radio Electronics and
Telecommunications, Sevastopol State University,*

Anastasia Sypalova

*1st year student of the magistracy of the Department of Radio Electronics and
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RING ANTENNA ARRAY FOR REMONTE ACCESS TO WI-FI

Lyudmila Krivobok

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SQUARE PRINTED EMITTING FOR RING ANTENNA ARRAY

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THE CONCEPT OF BUILDING AN INTERFERENCE COMPENSATION SYSTEM FOR SHIPBOARD SATELLITE RADIO NAVIGATION SYSTEMS

Sergey Lomonosov

*assistant professor, Institute of Radio-Electronics and Information Security
Sevastopol State University,*

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Doctor of Technical sciences, professor, Sevastopol State University,

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*3rd year student, Institute of Radio-Electronics and Information Security
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Vladislava Avvakumova

*5th year student, Institute of Radio-Electronics and Information Security
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MODERN MARINE DIESEL ENGINES

Mark Pozdneev

2nd year student, FSBEI HE “Kerch State Maritime Technological University”

Maksim Panov

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Svetlana Pastukhova

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APPROXIMATION OF PULSE CHARACTERISTICS OF PHYSICALLY REALIZABLE FILTERS BY FUNCTIONS WITH A LIMITED SPECTRUM

Svetlana Prisyazhnyuk

*3rd year student, Radio Electronics Institute and Information Security,
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TRAFFIC JAM SENSOR

Vladimir Saltanovsky

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**OMNIDIRECTIONAL WI-FI ANTENNA OF CIRCULAR POLARIZATION FOR
BASE STATION**

Vladislav Savinov

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Vladislav Golovin

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**THE USE OF ULTRASOUND IN THE STUDY OF DIGITAL RADAR SYSTEMS
DURING UNIVERSITY WORKSHOP**

Kirill Sheremetyev

*1st year student, Radio Electronics and Telecommunications Department,
Sevastopol State University*

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RADIOPHOTON BASE STATION FOR WI-FI NETWORK

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*assistant professor, Radio Electronics and Telecommunications
Sevastopol State University*

**FUZZY-LOGIC-CONTROLLED SHUNT-ACTIVE-FILTER IN IEEE
THIRTY-BUS- SYSTEM WITH IMPROVED-DYNAMIC TIME-RESPONSE**

Slava Sobolev

2nd year cadet of Marine Department

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Svetlana Pastukhova

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**THE DEVICE FOR COMMUNICATION THE PATIENT
AND MEDICAL PERSONNEL BY VOICE**

Vadim Sokolenko

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Sevastopol State University,*

Scientific advisor, Maksim Durmanov

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**DEVELOPMENT OF A MICROSTRIP DIRECTIONAL COUPLER FOR AN
INTEGRATED CONTROL DEVICE**

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Telecommunications, Sevastopol State University*

Lyudmila Krivobok

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**BROADBAND PRINTED ANTENNA WITH SLIT EXCITATION AND
CIRCULAR POLARIZATION OF THE RADIATION FIELD**

Anastasia Sypalova

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LIGHTING CONTROL MODULE IN THE “SMART HOME” SYSTEM

Anastasia Sypalova

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UNMANNED AERIAL VEHICLE FLIGHT CONTROLLER

Danil Syzykh, Semyon Yankovskiy,

Mariya Frolova, Igor Rudenko

*Graduate students, Department of Radio Engineering and Telecommunications,
Sevastopol State University,*

Scientific advisor, **Maksim Durmanov**
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MOBILE VEHICLE STATUS CONTROL KIT

Mikhail Trushkov

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Scientific advisor: **Yuriy Tyschuk**

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DEEP LEARNING APPROACHES FOR CANCER TREATMENT

Alex Vereshchaka

2nd year student of Moscow State University in Sevastopol

Svetlana Pastukhova

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INDUCTIVE WATER CONDUCTIVITY SENSOR

Semyon Yankovskiy, Mariya Frolova,

Danil Syzykh, Igor Rudenko

Graduate students, Department of Radio Engineering and Telecommunications,
Sevastopol State University,

Scientific advisor, **Maksim Durmanov**

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Sevastopol State University

NEW USER'S SOFTWARE FOR TEMPERATURE SENSORS

Nikita Yefremov

2nd year student, Electronics Engineering Department, Sevastopol State University

Scientific advisor, **Igor Shirokov,**

doctor of science, professor, Department of Electronics Engineering,
Sevastopol State University

THE NEW INDUSTRIAL TEMPERATURE SENSOR

Nikita Yefremov

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Scientific advisor, **Igor Shirokov,**

doctor of science, professor, Department of Electronics Engineering,
Sevastopol State University

SECTION 2: INFORMATION SYSTEMS



FEATURES OF RECOMMENDATION SYSTEM ARCHITECTURES FOR NEWS CONTENT

Andrey Bezlepkin

Master's student, Information Systems Department, Sevastopol State University

Irina Shumeyko

Scientific adviser, candidate of physical and mathematical sciences,

*associate professor of the Department of Information Systems,
Sevastopol State University*

CALCULATION OF THE PARAMETERS CIRCUITS OF HIGH-FREQUENCY CORRECTION PROVIDING THE OBTAINING OF THE MAXIMUM FLAT AFC

Andrey Hizhinskiy

*4th year student, Department of Radio Electronics and Telecommunications,
Sevastopol State University,*

*Scientific advisor, **Anatoli Melnikov***

*Department of Radio Electronics and Telecommunications,
Sevastopol State University*

PROBLEMS OF THE INTERNET OF THINGS

Nikita Kleshchev, Ivan Kushnarev

*2nd year students, Institute of Radio Electronics and Information Security,
Sevastopol State University,*

*Scientific advisor, **Dmitry Tabakaev***

*senior lecturer, Institute of Radio Electronics and Information Security,
Sevastopol State University*

HISTORY OF MICROCOMPUTERS

Nikita Kleshchev, Ivan Kushnarev

*2nd year students, Institute of Radio Electronics and Information Security,
Sevastopol State University,*

Dmitry Tabakaev

*Scientific advisor, senior lecturer,
Institute of Radio Electronics and Information Security,
Sevastopol State University*

INFORMATION SYSTEMS

Anastasia Klimchuk, Polina Shelkova

*3rd year students, Faculty of Radio Engineering and Information Security
Nakhimov Black Sea Higher Naval School, Sevastopol*

*Scientific advisor, **Nataliia Burlai***

*senior lecturer, Foreign Languages Department,
Nakhimov Black Sea Higher Naval School, Sevastopol*

CREATING A VIRTUAL LAB FOR CONDUCTING PENETRATION TESTING USING THE BASH COMMAND SHELL

Elizaveta Korzhavina

*2nd year student, Faculty of Radio Engineering and Information Security
Nakhimov Black Sea Higher Naval School, Sevastopol*

*Scientific advisor, **Nataliia Burlai***

*senior lecturer, Foreign Languages Department,
Nakhimov Black Sea Higher Naval School, Sevastopol*

MULTICHANNEL ANTENNA WITH POLARIZATION DIVERSITY

Egor Kotsur

4th year student, Radio Electronics and Information Security Department,

*Sevastopol State University,
Scientific advisor, **Andrey Lukyanchikov**
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REVIEW OF METHODS FOR PROCESSING ECG RESULTS

Ekaterina Krivtsun

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SMART MARKING READER

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AUTOMATED SMART HOME MONITORING SYSTEMS

Ivan Kushnarev, Nikita Kleshchev

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Sevastopol State University,*

Dmitry Tabakaev

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HISTORY OF THE SMART HOME SYSTEM DEVELOPMENT

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RASPBERRY PI IN THE SMART HOME SYSTEM

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ANALYSIS OF THE IMPACT OF DENORMALIZATION OF RELATIONS ON THE EXECUTION TIME OF A QUERY TO A RELATIONAL DATABASE IN VARIOUS ENVIRONMENTS

Andrei Levitskii

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Scientific advisor, Viktor Chernega
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RESEARCH OF METHODS FOR CONSTRUCTING DIGITAL TERRAIN MODELS

Ivan Lomakin
Master's student, Sevastopol State University
Vadim Karlusov
Associate professor of the Department of Information Systems,
Sevastopol State University

THE ACCESS CONTROL SYSTEM FOR ROOM

Olya Maksimova
4th year student, Radio Engineering Department, Sevastopol State University,
Anna Boiko
Teacher, Radio Engineering Department, Sevastopol State University,

DETERMINATION OF THE FUNCTIONAL STABILITY OF SATELLITE NAVIGATION SYSTEMS

Vladislav Malenko
2nd year student, Institute of Radio Electronics and Information Security,
Sevastopol State University,
Alexander Polyakov
Candidate of Technical Sciences, Senior Researcher, Associate Professor of the
Department of Radio Electronics and Telecommunications,
Sevastopol State University,
Igor Afonin
Doctor of Technical Sciences, Professor, Head of the Department of Radio
Electronics and Telecommunications, Sevastopol State University

BUILDING A SEARCH ALGORITHM FAILURES BY MINIMUM TIME CRITERION

Alexander Mavrin
3rd year student, Sevastopol State University,
Scientific advisor, Sergey Mavrin
candidate of technical sciences, P.S.Nakhimov Black Sea Higher Naval School

HAUSDORFF DISTANCE AND METHODS OF OPTIMIZATION

Anastasiia Novikova
1st year student, Applied mathematics and computer science major,
M.V. Lomonosov Moscow State University Branch in Sevastopol,
Svetlana Pastukhova
PhD in Philology, Associate Professor, Foreign Languages Department,
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INFORMATION SECURITY OF CIVIL AVIATION

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APPLYING OPERATING CALCULUS TECHNIQUES TO SOLVE CURRENT ELECTRICAL ENGINEERING PROBLEMS

Olga Podolskaya

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Olga Kruchina

*PhD in Pedagogic, Assistant Professor of Foreign Languages' Chair,
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ANALYSIS OF ATTACKS AND THREATS DIRECTED AT THE FACULTY'S WEBSITE RADIO ENGINEERING AND INFORMATION SECURITY CHVVMU.RU

Ulyana Rassolova

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INFORMATION SECURITY MONITORING SYSTEMS FOR AUTOMATED CONTROL SYSTEMS

Igor Rudenko, Semyon Yankovskiy,

Mariya Frolova, Danil Syzykh

*Graduate students, Department of Radio Engineering and Telecommunications,
Sevastopol State University,*

*Scientific advisor, **Maksim Durmanov***

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CURRENT PROBLEMS OF ENSURING INFORMATION SECURITY IN RUSSIA

Anastasia Savchenko

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*Scientific advisor, **Nataliia Burlai***

*senior lecturer, Foreign Languages Department,
Nakhimov Black Sea Higher Naval School, Sevastopol*

APPLICATION OF FEMTOCELLS TO IMPROVE THE QUALITY OF COMMUNICATION SERVICE

Alexandr Savochkin

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Osman Abdulgaziev

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Sevastopol State University*

Pavel Koptsev

2nd year master student, Department of Radio Electronics and Telecommunications,

Sevastopol State University
Scientific advisor, **Alexandr Savochkin**, candidate of technical sciences, associate professor, Department «Radio Electronics and Telecommunications»
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DESIGNING THE COVERAGE AREAS OF WIRELESS WI-FI NETWORKS

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Artem Ermolaev

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Scientific advisor, **Alexandr Savochkin**, candidate of technical sciences, associate professor, Department «Radio Electronics and Telecommunications»
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INFORMATION BOARD WITH WI-FI CONNECTION

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APPLICATION OF THE ARDUINO IDE DEVELOPMENT ENVIRONMENT FOR PROGRAMMING MICROCONTROLLERS

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MOBILE NETWORK RESEARCH

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USING SYNCHRONOUS DIGITAL HIERARCHY EQUIPMENT IN A LABORATORY WORKSHOP

Alexandr Savochkin

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and Telecommunications», Sevastopol State University*

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2-KEY MECHANICAL KEYPAD WITH GRB LIGHTNING

Selim Smailov

*3rd year student, Institute of Radio Electronics and Information Security,
Sevastopol State University,*

Alexander Polyakov

*Candidate of Technical Sciences, Senior Researcher,
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BEAM-FORMING DEVICES OF THE PHASED ARRAY ANTENNA OF THE 5G NETWORK BASE STATION USING MICROWAVE-PHOTONIC TECHNOLOGIES

Mikhail Tkachenko

*1st year master student, Department of Radio Electronics and
Telecommunications, Sevastopol State University*

*Scientific advisor, **Vladislav Golovin***

*associate professor, Department of Radio Electronics and Telecommunications
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INVESTIGATION OF THE MICROWAVE-PHOTONIC BEAM-FORMING DEVICE OF THE PHASED ARRAY ANTENNA

Mikhail Tkachenko

*1st year master student, Department of Radio Electronics and Telecommunications
Sevastopol State University*

*Scientific advisor, **Vladislav Golovin***

*associate professor, Department of Radio Electronics and Telecommunications
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SMART BABY TRACKER: GADGET FOR MONITORING AND PREDICTING THE CONDITION OF NEWBORN

Video: <https://drive.google.com/file/d/1vzB1dPsItRQ7iednmlVyHMBmgn2lYgBq/view>

Anastasia Valevich, Irina Artser

Second-year student, Software Engineering, Tomsk Polytechnic University

Scientific supervisor: Natalia V. Aksenova

Tomsk Polytechnic University

Russia, Tomsk

TV SIGNAL METERS

Andrey Vatrish

4th year student, Radio Electronics and Telecommunications Department

Sevastopol State University

Yuriy Mikhailiuk

Ph.D., Associate Professor, Department of Electronic Engineering

Sevastopol State University

Denis Nacharov

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Sevastopol State University

Georgiy Oplemakh

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Alla Mikhaylova

Senior lecturer, Foreign Languages Department, Sevastopol State University

INVESTIGATION OF THE POSSIBILITIES OF USING RADIO MODULES OF THE 2,4 GHZ BAND FOR ORGANIZING A RADIO NETWORK BASED ON SMALL-SIZED MOBILE PLATFORMS

Karen Yakubov

4th year student, Radio Electronics and Telecommunication Department,

SevastopolStateUniversity,

Anastasiya Bukina

4th year student, Radio Electronics and Telecommunication Department,

SevastopolStateUniversity,

Ivan Kudryavchenko

Associate Professor, Radio Electronics and Telecommunication Department,

SevastopolStateUniversity

EXPERIENCE IN USING PHOTOGRAMMETRY TO CAPTURE ARCHAEOLOGICAL SITES AND OBTAIN DRAWINGS BASED ON CREATED 3D MODELS

Viktoriya Yanovskaya

Master's student

Scientific adviser, Irina Shumeyko

candidate of physical and mathematical sciences, associate professor of the

Department of Information Systems, Sevastopol State University

KEYCYBERTHREATS OF 2020 ACCORDING TO CISCO

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*Scientific advisor, **Nataliia Burlai***
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ANALYSIS OF COMPUTER VISION TECHNOLOGIES IN THE FIELD OF FACE RECOGNITION IN A DIGITAL VIDEO SIGNAL

Igor Zhilenkov

*2nd year master student, Information Technologies and Management in Technical
Systems Department, Sevastopol State University*

Irina Shumeyko

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SECTION 3: HISTORY, THEOLOGY, SOCIOLOGY



THE FATE OF THE GENOESE FORTRESS CEMBALO DURING THE OTTOMAN PERIOD (1475-1774)

Alina Belousova

*1st year master student, History Department,
Sevastopol State University*

UNKNOWN PISTOL OF THE GREAT PATRIOTIC WAR (LENINGRAD “BALTIETS”)

Gleb Kustov

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Tomsk Polytechnic University,*

Nadezda Kobzeva

*Candidate of Sciences in Pedagogy, School of Core Engineering Education,
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FORMATION OF THE PERSONALITY OF K.K. ROKOSSOVSKY AND HIS ACTIVITY DURING THE FIRST WORLD WAR

Veronika Lekareva

4th year student, History Department, Sevastopol State University,

THE PROBLEM OF THE INTERDEPENDENCE OF CAPITAL AND WARS

Konstantin Nichipurenko, Daniil Pokidin,

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*Supervisor: **Irina Zakiryanova,***

Candidate of Pedagogical Sciences, Associate Professor,

Professor of the Foreign Languages Department,

P.S. Nakhimov Black Sea Higher Naval School, Sevastopol

THE PROBLEM OF INVENTIONS ORIGIN IN THE CONTEXT OF CAPITAL AND WARS MUTUAL INFLUENCE

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P.S. Nakhimov Black Sea Higher Naval School

RELIGIOUS-PATRIOTIC EDUCATION OF YOUTH

Andrey Vatrish

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Sevastopol State University

Yuriy Mikhailyuk

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Sevastopol State University

Sergey Ziborov

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State University

SECTION 4: MARINE TECHNOLOGIES



DIGITAL TECHNOLOGIES IN MARITIME TRANSPORTATION

Valeria Didus

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Igor Afonin

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Alexander Polyakov

Candidate of Technical Sciences, Senior Researcher, Associate

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Sevastopol State University

DEVELOPMENT OF AN ADAPTIVE METHOD FOR IMPROVING THE NOISE IMMUNITY OF SHIP COMMUNICATION SYSTEMS

Ekaterina Kulakovskaya

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Sergey Lomonosov

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Sevastopol State University,

Dmitry Pashkov

Doctor of Technical sciences, professor, Sevastopol State University

Maria Frolova

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FASTSHIP'S FLEXIBILITY IN DESIGNING MARINE STRUCTURES

Evgeniy Makutin

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ASSESSMENT OF SIGNALS DISTORTIONS IN TROPOSPHERIC COMMUNICATION CHANNELS OF COASTAL SYSTEMS

Ksenia Mishina

*3rd year student, Institute of Radio-Electronics and Information Security
Sevastopol State University,*

Maria Sokolova

*3rd year student, Institute of Radio-Electronics and Information Security
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Sevastopol State University,*

Nikolay Shevchenko

*assistant professor, Institute of Radio-Electronics and Information Security
Sevastopol State University,*

IMPROVEMENT OF RADIO SIGNAL RECEPTION METHODS IN SHIP WEATHER STATIONS

Vladislav Polovtsev

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Sevastopol State University,*

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Dmitry Pashkov

Doctor of Technical sciences, professor

Nadejda Lukyanchenko

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COMPRESSED AIR HYDRAULIC EMERGENCY STEERING GEAR

Bogdan Pridvorov

*5th year cadet, Operation of Ship Power Plant Department
FSBEI HE "Kerch State Maritime Technological University" e-mail:*

Olga Kruchina,

*Associated Professor, Chair of Foreign Languages
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STAGES OF SEVASTOPOL MARINE PLANT (SEVASTOPOLSKIY MORSKOY ZAVOD) FORMATION AS A SHIPBUILDING BASE

Alexander Soroka

3rd year student, Shipbuilding department, Sevastopol State University

Alla Mikhaylova,

*scientific advisor, senior lecturer, Foreign Languages Department,
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SECTION 5: ACTUAL PROBLEMS OF ECONOMICS

MANDATORY AND INTERNAL BANKING RULES APPLICABLE TO E-BANKING OPERATIONS

Anna Mironova

Moscow State University named after M.V. Lomonosov, Faculty Higher School of State Audit, Scientific advisor: *Nina Semenkina*, PhD, Associated Professor, Moscow State University named after M.V. Lomonosov, Faculty Higher School of State Audit, Moscow

ANTIFRAUD IT-PLATFORM AS UNIQUE RUSSIAN SOLUTION FOR SECURITY OF E-BANKING OPERATION

Anastasia Pustosmekhova

Moscow State University named after M.V. Lomonosov, Faculty Higher School of State Audit, Scientific advisor: *Nina Semenkina*, PhD, Associated Professor, Moscow State University named after M.V. Lomonosov, Faculty Higher School of State Audit, Moscow

SECTION 6: PHYSICS, BIOLOGY, ASTRONOMY AND ECOLOGICAL PROBLEMS

PRACTICAL APPLICATION OF ELECTROMAGNETIC INDUCTION IN VARIOUS FIELDS OF SCIENCE AND TECHNOLOGY

Alferova Christina

3rd year student of Moscow State University in Sevastopol

Svetlana Pastukhova

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ATMOSPHERIC OPTICAL PHENOMENA CAUSED BY REFRACTION IN THE AIR

Valeriya Kiryuhina

3rd year student of Moscow State University in Sevastopol

Svetlana Pastukhova

PhD in Philology, Associate Professor, Foreign Languages Department, FSBEI HE "Kerch State Maritime Technological University"

WATER QUALITY IN CENTRALIZED WATER SUPPLY SYSTEMS (CAMPUS OF TOMSK POLYTECHNIC UNIVERSITY)

Presentation: <https://cloud.mail.ru/public/aABN/KQkPUswBi>

 [KorablevaVA_Ecologicalproblems.mp4](#)

Viktoriya Korableva

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Nadezda Kobzeva

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THE EARTH AND MOON FORMED LATER THAN PREVIOUSLY THOUGHT

Seidamet Kurtametov

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Artem Semenyuk

2nd year student, Department of Operation of Marine Electrical Equipment and Automation Equipment, FSBEI HE “Kerch State Maritime Technological University”

Svetlana Pastukhova

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DEVELOPMENT OF GEOTHERMAL ENERGY ON THE EXAMPLE OF THE TOMSK REGION

<https://youtu.be/TQvT-Fy560k>

Natalia Pichueva

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*Senior lecturer, School of Core Engineering Education,
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ENVIRONMENTAL PROBLEMS IN PRODUCTION

Video:

<https://disk.yandex.ru/d/uwlQ3gczwtrUEA/Zoom%20%D0%9A%D0%BE%D0%BD%D1%84%D0%B5%D1%80%D0%B5%D0%BD%D1%86%D0%B8%D1%8F%202021-04-14%2021-34-08.mp4?w=1>

Angelina Terkina

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PHYSICAL ANALYSIS OF WATER DISTILLATION USING PASSIVE SOLAR STILL

Vladimir Voronets

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SECTION 7: MEDICINE

MUSIC-EVOKED AUTOBIOGRAPHICAL MEMORIES IN ALZHEIMER’S DISEASE

Tim Gerasin

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SECTION 8: PSYCHOLOGY AND PEDAGOGY



GLOBAL DEMANDS OF THE TRAINING IN MARITIME ENGLISH

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Svetlana Pastukhova

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METHOD FOR DESIGNING COGNITIVE MAPS IN FOREIGN LANGUAGE TEACHING

Antonina Drozdova

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BLENDED LEARNING ENVIRONMENT IN HIGHER EDUCATION

Arina Evseeva

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THE INFLUENCE OF MODERN INFORMATION TECHNOLOGIES ON THE PROCESS OF LEARNING A FOREIGN LANGUAGE

https://drive.google.com/file/d/1q9sHb4VA5jEJLZ8rI_kRTGGaUIoq2BoD/view?usp=sharing

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SCIENTIFIC ACTIVITY AS A WAY OF FORMING THE PROFESSIONAL COMPETENCE OF A TEACHER

Natalia Kovalova

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Sevastopol State University*

YURI BORISOVICHGIMPILEVICH- SCIENTIST, TEACHER, DIRECTOR (To 70th anniversary)

Svetlana Prisyazhnyuk

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SECTION 9: PHILOLOGY



LEXICAL AND SEMANTIC, FUNCTIONAL AND STYLISTIC PECULIARITIES OF WORLD AUTOMOTIVE BRANDS ADVERTISING SLOGANS

Natalya Kaika

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FUNCTIONAL FEATURES OF MARINE TERMINOLOGY

Olga Kruchyna

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CAUSES OF CONFLICTS IN THE PROCESS OF INTERCULTURAL COMMUNICATION

Alla Mikhaylova

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INTERCULTURAL APPROACH TO FOREIGN LANGUAGES LEARNING

Yulia Petrunina

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COMPUTATIONAL THINKING IN EDUCATION SYSTEM

Elena Yermak

2nd year student of Moscow State University in Sevastopol

Svetlana Pastukhova

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