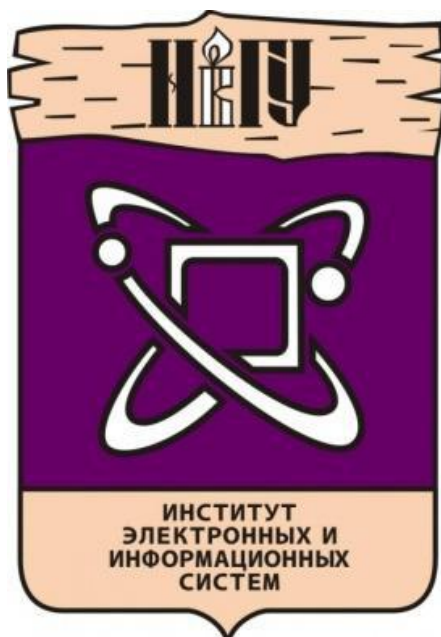


**Federal State Budgetary Educational Institution of Higher
Education
“Yaroslav-the-Wise Novgorod State University”
Institute of Electronic and Information Systems of NovSU**



**INTERNATIONAL SCIENTIFIC AND PRACTICAL
CONFERENCE ON
MATHEMATICAL MODELING, PROGRAMMING
AND APPLIED MATHEMATICS**

November 5-6, 2020
Veliky Novgorod, Russia

HOST OF CONFERENCE
Yaroslav-the-Wise Novgorod State University
Veliky Novgorod, Russia

**CONFERENCE
PROGRAM**

Veliky Novgorod
2020

INTERNATIONAL PROGRAM COMMITTEE

Chair:

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Bugayov A.S. – Prof., Dr., member of the Russian Academy of Sciences (Moscow, Russia);

Cherepenin V.A. – Prof., Dr., corresponding member of the Russian Academy of Sciences (Moscow, Russia);

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Zavorotnev Yu.D. – Prof., Dr., Donetsk Institute for Physics and Engineering named after A.A. Galkin (Donetsk, Ukraine);

Metlov L.S. – Prof., Dr., Donetsk Institute for Physics and Engineering named after A.A. Galkin (Donetsk, Ukraine);

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Zhixiong Chen – Prof., PhD, Putian University (Putian, Fujian, China);

Yuhua Sun - Doctor`s degree in Military Science, China University Of Petroleum (China);

Zhimin Sun - associate professor, Hubei University, Director of Hubei Society for Industrial and Applied Mathematics; Director of Wuhan Society for Industrial and Applied Mathematics (Wuhan, China);

Boris Andreianov – Prof., University of Tours (Tours, France);

Galkin V.A. – Prof., Dr., Scientific Research Institute of System Analysis of RAS (Surgut, Russia);

Bichurin M.I. – Prof., Dr., Head of Department of Radioequipment Engineering and Technology (Veliky Novgorod, Russia);

Seleznev B.I. – Prof., Dr., Head of Department of Solid State Physics and Microelectronics (Veliky Novgorod, Russia);

Sukacheva T.G. – Prof., Dr., Head of Department of Algebra and Geometry (Veliky Novgorod, Russia);

Zakharov A.Yu. – Prof., Dr. (Veliky Novgorod, Russia);

Petrov V.M. – Prof., Dr. (Veliky Novgorod, Russia);

Panov E.Yu. – Prof., Dr. (Veliky Novgorod, Russia);

Edemskiy V.A. – Prof., Dr. (Veliky Novgorod, Russia).

ORGANIZING COMMITTEE

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Eminov S.I. – Director of the Institute of Electronic and Information Systems of Novgorod State University, Prof., Dr. (Veliky Novgorod, Russia).

Organizing Committee Members:

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Lasunskiy A.V. – Prof., Dr. (Veliky Novgorod, Russia);

Kovalenko D.V. - assoc. prof., PhD (Veliky Novgorod, Russia);

Makarov V.A. – assoc. prof., PhD (Veliky Novgorod, Russia);

Tatarenko A.S. – assoc. prof., PhD Head of Department of Applied Mathematics and Computer Science (Veliky Novgorod, Russia);

Dovgalyuk P.M. – assoc. prof., PhD (Veliky Novgorod, Russia);

Fikhtner O.A. – assoc. prof., Dr. (Veliky Novgorod, Russia);

Yakimova E.A. – Team assistant (Veliky Novgorod, Russia).

GENERAL INFORMATION

We are pleased to invite you to participate in the International Scientific and Practical Conference on MATHEMATICAL MODELING, PROGRAMMING AND APPLIED MATHEMATICS. The conference is organized by the Yaroslav-the-Wise Novgorod State University and will be held on **November 5-6, 2019** in Veliky Novgorod, Russia.

The conference serves as a platform to share knowledge, exchange expertise and discuss current issues of mathematical modeling in physics, applied mathematics, electronics, and programming.

The aim of the conference is to present recent advances in mathematical modeling in physics, applied mathematics, and programming, and discuss the problems of application of modern numerical methods and programming in electronics engineering.

The conference's objective is to analyze and appraise innovative solutions in latest scientific researches in terms of applicability, performance, and prospects for the development.

The conference has pronounced interdisciplinary nature which promotes exchange of ideas and experience of various scientific fields. Such co-operation leads to successful development and application.

CONFERENCE KEY TOPICS / SESSIONS

Session 1. Mathematical Models for Condensed Matter Physics;

Session 2. Mathematical Modeling of Dielectric, Magnetic and Semiconductor Materials;

Session 3. Modeling of Radioelectronic Systems and Devices;

Session 4. Modeling of Electronic Component Base;

Session 5. Computational Methods in Electronics Engineering;

Session 6. Applied Mathematics;

Session 7. Information Technology;

Session 8. Nonlinear Partial Differential Equations.

CONFERENCE PROCEDURE

Contribution format:

Oral presentation / oral presentation with poster presentation / poster presentation.
For oral reports, there goes the following procedure:

- Speaker presentation – 10 minutes;
- Discussion – 5 minutes.

All presentations will be provided with:

- Lap top;
- LCD panel;
- Multimedia projector.

Presentation should be saved to a flash drive, and should appear in PowerPoint 2007.

Note: For regulation of technical problems, consult the assistants for technical support of the sessions.

Poster presentations should be sent to the conference 3 days before the session beginning.

Official languages of the conference: Russian, English.

DETAILED PROGRAM

Thursday, 5 November

09:00 a.m. – 10:30 a.m. – Participant registration / check-in
(41 Bolshaya Sankt Peterburgskaya St., Stream audience 3)
10:00 a.m. – 11:00 a.m. – Official opening. Plenary meeting (Stream audience 3)
11:00 a.m. – 1:00 p.m. – Scientific sessions
1:00 p.m. – 2:00 p.m. – Lunch break
3:00 p.m. – 4:30 p.m. – Concert program
5:00 p.m. – Excursion to the Novgorod Kremlin

Friday, 6 November

10:00 a.m. – 1:00 p.m. – Scientific sessions
1:00 p.m. – 2:00 p.m. – Lunch break
3:00 p.m. – 4:30 p.m. – Scientific sessions
5:00 p.m. – Close of conference. Discussion and closing remarks (Stream audience 3)

Coffee break – For 15 minutes every 2 hours.

KEY DATES

- Registration deadline: April 15, 2020
- Paper submission deadline: June 1, 2020
- Second announcement: September 20, 2020
- Conference fee payment deadline: June 30, 2020
- **Conference dates: November 5-6, 2020**

Conference dates:

November 5-6, 2020

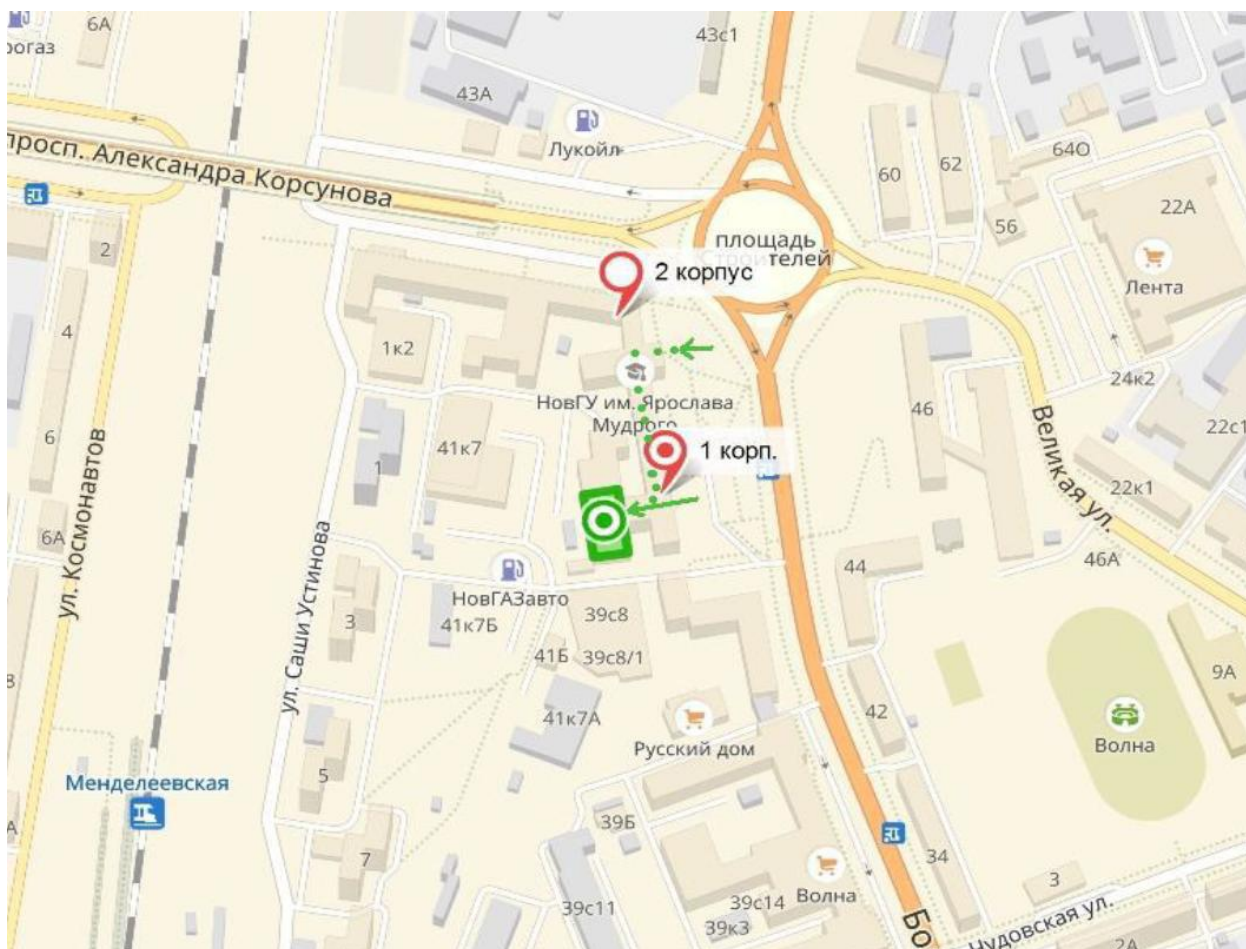
PARTICIPANT REGISTRATION

Registration for the conference includes filling up the application form (application form is provided on the Conference official website).

Conference venue area (marked in green):



Location of the main building of NovSU



Main building entrance

