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XXVI INTERNATIONAL CONFERENCE  
**MATHEMATICS. ECONOMICS. EDUCATION.**  
X INTERNATIONAL SYMPOSIUM  
**FOURIER SERIES AND THEIR APPLICATIONS.**

May 27th – June 3rd 2018

*Camp «Moryak»  
at the bank of Black Sea near Novorossiysk*

### **Organizers of the conference:**

Ministry of Education and Science of the Russian Federation, Lomonosov Moscow State University, Moscow Institute of Physics and Technology (State University), South Federal University, Organization «Women in Science and Education», Educational Center «Knowledge».

### **Programm committee:**

Prof. G.Yu. Riznichenko (chairman), prof. A.V. Avsyankin, prof. O.V. Gubar, prof. I.S. Emelyanova, prof. Ya.M. Erusalimsky, prof. A.N. Karapetyantz, prof. I.V. Melnikova, prof. N.I. Merlina, prof. N.A. Mitin, prof. E.S. Nikitina, prof. A.B. Olneva, prof. E.A. Solodova, prof. F.A. Surkov (Russia), prof. N.D. Gernet, prof. I.I. Kovtun (Ukraine), prof. I.N. Katkovskaya (Belarus).

### **Sections at the conference:**

1. Differential equations
2. Theory of functions
3. Discrete Mathematics, Algebra, Geometry
4. Probability theory and stochastic methods
5. Mathematical models in the natural sciences, engineering, economics and ecology
6. Mathematical programming, optimal control and game theory
7. Information and communication technologies in science, education and industry
8. The digital economics: development trends
9. Potential and prospects of the economics in Russia
10. The modern problems of education

*At the conference the symposium will be held:*  
*X International symposium* **Fourier series and applications**

**Organizers of symposium:**

Lomonosov Moscow State University, Moscow Institute of Physics and Technology (State University), Steklov Mathematical Institute of RAS, South Federal University.

**Program committee of symposium:**

Acad. of RAS B.S. Kashin, Acad. of RAS S.V. Konyagin, prof. A.V. Abanin, prof. S.V. Bochkarev, prof. I.Ya. Novikov, prof. A.M. Sedletskii, prof. M.A. Skopina, prof. A.P. Khromov, prof. A.A. Shkalikov (Russia), prof. V.G. Krotov (Belarus), prof. A.M. Olevsky (Israel).

**Organizing committee of symposium:**

Prof. B.I. Golubov (chairman), prof. M.I. Dyachenko, prof. A.N. Karapetyants (vice chairman), prof. T.P. Lukashenko, prof. V.A. Skvortsov, prof. S.A. Telyakovsky, prof. L.V. Novikova (secretary).

**The sections of the symposium:**

Section 1. Fourier series and Fourier transform.

Section 2. Fourier series in orthogonal systems.

Section 3. Orthogonal polynomials and their applications.

Section 4. Wavelets and their applications.

Section 5. Generalizations and applications of the Fourier series.

**To participate in the conference it's necessary until March 20, 2018:**

1. Please register at the site: <http://conf-symp.sfedu.ru/reg.php>
2. Please pay the registration fee Euro 100 to PayPal, account: vasily.no@gmail.com
3. File abstracts not exceeding 1 page designed in LATEX format in accordance with the attached requirements <http://conf-symp.sfedu.ru/XXconf.tex>, please send to: [conf-symp@mail.ru](mailto:conf-symp@mail.ru)

Thesis in MS Word format we accept only with no formulas and pictures, abstracts must not exceed 1 page.

Abstracts received by the Organizing Committee will be submitted for publication only if the registration online will be fulfilled and the registration fee will be received. Abstracts will be

published before the conference. Each participant may submit one paper of abstracts in Russian or English in digital format.

The program of plenary and breakout sessions will be formed by the scientific committee of the conference (symposium) on the basis of the submitted abstracts.

We will appreciate if you advise the experts, who, in your opinion, would be invited to the conference (symposium).

The proceedings of the conference and symposium are planned to publish after the conference.

*See you at the Black Sea!*