



INTERNATIONAL SCIENTIFIC CONFERENCE



INFORMATION LETTER

INTERNATIONAL SCIENTIFIC CONFERENCE “MATHEMATICAL ANALYSIS AND DYNAMICAL SYSTEMS”

May 20 – 21, 2025

University of Exact and Social Sciences, in cooperation with V.I.Romanovsky Institute of Mathematics, is organizing an international scientific conference “**Mathematical analysis and dynamical systems**” in May 20 – 21, 2025.

The aim of the scientific conference is to discuss the current state and prospects for the development of the main directions of Mathematical analysis and dynamical systems, as well as their applications in mathematical physics, mathematical biology and the theory of stochastic processes.

The conference location is Tashkent region, Olmazor district, University of Exact and social sciences.

The conference will be held in Uzbek, Russian and English languages.

MAIN SECTIONS OF THE CONFERENCE

- 1. Algebra and analysis**
- 2. Continuous time dynamical systems (Differential equations)**
- 3. Discrete-time dynamical systems**
- 4. Stochastic processes**

ORGANIZATION COMMITTEE

Ayupov Sh.A. – Director of the Institute of Mathematics, *chairman*
Botirov G.I. – Rector of University of Exact and Social Sciences, *vice-chairman*
Azamov A.A. – Academician of the AS RUz
Alimov Sh.A. – Academician of the AS RUz
Sadullaev A.S. – Academician of the AS RUz
Rozikov U.A. – Academician of the AS RUz
Rahmatullaev M.M. – Institute of Mathematics, Namangan regional department
Sobirov Z.A. – University of Exact and Social Sciences
Adashev J.K. – Institute of Mathematics
Khudoyberdiyev A.Kh. – Institute of Mathematics
Khakimov O.N. – Institute of Mathematics



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PROGRAM COMMITTEE OF THE CONFERENCE

Ayupov Sh.A. – academician of the AS RUz (Uzbekistan), chairman
Rozikov U.A. – academician of the AS RUz (Uzbekistan), vice-chairman
Alimov Sh.A. – academician of the AS RUz (Uzbekistan)
Azamov A.A. – academician of the AS RUz (Uzbekistan)
Farmonov Sh.K. – academician of the AS RUz (Uzbekistan)
Lakaev S.N. – academician of the AS RUz (Uzbekistan)
Sadullaev A.S. – academician of the AS RUz (Uzbekistan)
Khojiev J.Kh. – academician of the AS RUz (Uzbekistan)
Bogachev L.V. – professor (England)
Hryniv O. – professor (England)
Kuelske C. – professor (Germany)
Jahnel B. – professor (Germany)
Gandolfo D. – professor (France)
Zagrebnov V. – professor (France)
Liao L. – professor (China)
Hiroshima F. – professor (Japan)
Velasco M.V. – professor (Spain)
Ladra M. – professor (Spain)
Giuliani A. – professor (Italy)
Merola I. – professor (Italy)
Luzzatto S. – professor (Italy)
Pah C.H. – professor (Malaysia)
Tian J.P. – professor (USA)
Mukhamedov F.M. – professor (UAE)
Labra A. – professor (Chile)
Ashurov R.R. – professor (Uzbekistan)
Durdiev D.K. – professor (Uzbekistan)
Ganikhodjaev R.N. – professor (Uzbekistan)
Ganikhodjaev N.N. – professor (Uzbekistan)
Jalilov A. – professor (Uzbekistan)
Khalkhuzhaev A.M. – professor (Uzbekistan)
Jamilov U.U. – DSc (Uzbekistan)
Khakimov R.M. – DSc (Uzbekistan)
Omirov B.A. – professor (Uzbekistan)
Sharipov O.Sh. – professor (Uzbekistan)
Khusanboev Y.N. – professor (Uzbekistan)

Secretariat of the conference:

Khudoyberdiyev A.Kh. – deputy director of the Institute of Mathematics
Khakimov O.N. – leading researcher of the Institute of Mathematics
Rahimov K.U. – docent of university of Exact and Social Sciences
Rahimov K.K. – senior researcher of the Institute of Mathematics
Khomidov M. – docent of university of exact and social sciences

Conference program:

The scientific program of the conference includes the following areas: algebra and analysis, discrete and continuous time dynamical systems, probability theory and stochastic processes.

The conference program includes plenary talks (30 minutes), talks by invited scientists (30 minutes), and short talks (15 minutes).



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RECEPTION OF APPLICATIONS AND ABSTRACTS

Those who wishing to take part in the conference must submit conference proceedings and applications to the Organizing Committee by April 30, 2025 in the following form:

APPLICATION

to participate in the conference “Mathematical analysis and dynamical systems” Full name.....

Position.....

Academic degree

Academic title

Name of the organization

Organization address

E-mail.....

Title of your talk

Section.....

The organizing committee has the right to reject submitted abstracts that do not correspond to the theme of the conference, the level of results, or registration requirements.

Applications and abstracts are directed to the organization committee by e-mail to the following address: conf@aifu.uz

Invitations and additional information will be sent after reviewing the submitted abstracts. ***Only abstracts presented during the conference and recommended for publication are included in the collection of conference proceedings. A collection of discussed abstracts will be published after the conference.***

CONFERENCE FEES AND PRINTING

There is no registration fee required from conference participants.

KEY DATES

Reception applications and abstracts	until, April 30, 2025.
Notification of inclusion in the conference program	until May 10,2025.
Conference	May 20-21, 2025 .

Address of organizing committee: Tashkent region, Olmazor district, University of Exact and Social Sciences.

Phone numbers: +998977841600, +998901226611

E-mail: conf@aifu.uz



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REQUIREMENTS FOR THE ABSTRACT FORMULATION

Abstracts submitted to the conference should not exceed 2 pages and should be formulated in the TeX (LaTeX) editor according to the following requirements::

```
\documentclass[a4paper,11pt]{article}
\usepackage{amsmath, amsfonts, amssymb}
\usepackage[english, russian]{babel}
\textheight = 230mm \textwidth = 160mm \topmargin = -2mm
\oddsidemargin=6mm \evensidemargin=6mm \makeindex
\begin{document}
\large
\makeatletter
\renewcommand{\@evenhead}{\vbox{\the page\hfil{\verb "Surname .N.M."}\hrule}}
\renewcommand{\@oddhead}{\vbox{\hfil{\verb " Mathematical analysis and dynamical systems
"}}
\hfil\the page\hrule}} \makeatother
\begin{center}
\textbf{TITLE OF TALK }\\
\medskip
\textbf{Surname N.M.$^{1}$, Surname N.M. $^{2}$}\\
\smallskip
{Full name of organization, City, Country;}\\
{e-mail1@address1}\\
{ Full name of organization, City, Country;}\\
{e-mail2@address2}
\end{center}
\label{S.N.M}
Text thesis
\begin{center}
\textsl{References}
\end{center}
{1.} Surname .N.M., Book title. City: publishing house, year.\\
{2.} Surname .N.M., Title of the article \\ Title of the journal. Year. Vol.1, \No 1. pp. 1--5.
%\endinput%
\end{document}
```

Automatic cites to formulas and references are not allowed. The file name must consist of the last name and first name of the first author, written in Latin letters, for example, if the first author of the article is Ivan Petrovich Ivanov, then the file should be called IvanovIP.tex, IvanovIP.pdf.