



MOLDOVA STATE UNIVERSITY
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
MATHEMATICAL SOCIETY OF THE REPUBLIC OF MOLDOVA

International Virtual Conference

**„Mathematics & IT: Research and Education (MITRE-2021)",
dedicated to the 75th anniversary of Moldova State University,**

Chişinău, Republic of Moldova, July 01–03, 2021

<http://cecmi.usm.md/MITRE/>

First Announcement

A goal of the conference is to provide a forum for specialists to discuss different aspects of the integration of research and education in Mathematics and Computer Science. The discussion is planned to be axed on the achievements in scientific research and advanced training of high qualification specialists in these areas according to real needs of economy, on ways of involving young talents in research. The participation of young scientists is encouraged. The Conference MITRE in 2021 will be at the 8th edition.

SECTIONS:

1. Algebra, Geometry and Topology
2. Analysis, Differential Equations and Dynamical Systems
3. Applied Mathematics
4. Computer Science and IT
5. Didactics of Mathematics and Informatics

LOCAL SCIENTIFIC COMMITTEE:

Section 1. Algebra, Geometry and Topology: Alexei Caşu, Gheorghe Ciocanu, Florin Damian, Vladimir Izbaş, Alexandru Lungu, Parascovia Sârbu, Victor Şcerbacov.

Section 2. Analysis, Differential Equations and Dynamical Systems: David Ceban, Dumitru Cozma, Vasile Glavan, Valeriu Guţu, Vasile Neagu, Andrei Perjan, Mihail Popa, Alexandru Şubă, Nicolae Vulpe.

Section 3. Applied Mathematics: Anatol Godonoagă, Boris Hâncu, Dumitru Lozovanu, Vladimir Paţiu, Galina Rîbacova, Dumitru Solomon.

Section 4. Computer Science and IT: Vsevolod Arnaut, Gheorghe Căpăţână, Constantin Ciubotaru, Svetlana Cojocar, Constantin Gaidric, Emilian Guţuleac, Mircea Petic, Inga Ţiţchiev, Valeriu Ungureanu.

Section 5. Didactics of Mathematics and Informatics: Petru Efros, Ion Goian, Maria Marin, Andrei Poştaru, Lilia Solovei, Marcel Teleucă, Ion Valuţă.

ORGANIZING COMMITTEE:

Galina Rusu, Vsevolod Arnaut, Mariana Butnaru, Radu Buzatu, Elena Calmăș, Mihail Croitor, Florin Damian, Viorel Grigorcea, Valeriu Guțu, Boris Hâncu, Maria Marin, Ludmila Novac, Natalia Pleșca, Galina Rîbacova, Tatiana Pașa, Parascovia Sârbu, Lilia Solovei, Greta Sturza, Valeriu Ungureanu.

The conference will be held online. The working languages during the conference will be English for sections 1-4; English and Romanian for section 5.

Those interested in attending the Conference MITRE-2021 are kindly asked to fill in the Registration Form <https://forms.gle/CcGS93FZ6z9YuMih7> before May 31, 2021. The registered persons will receive in advance the information how to connect to the online conference.

Those interested in giving a talk are kindly asked to send the abstract of communication (up to 1 page, in English, using LaTeX 2e, the both extensions .tex and .pdf) by e-mail to: confmitre@gmail.com before May 31, 2021. Please, find the sample below. The abstracts for the Section Didactics of Mathematics and Informatics can be written in English or Romanian. The authors of accepted communications for the Conference will be informed before June 15, 2021. The accepted authors will be asked to confirm the presentation of their communication at the conference.

It is planned to publish the Book of Abstracts of the Conference MITRE 2021.

There is no registration fee.

IMPORTANT DATES AND DEADLINES:

May 31, 2021 – Registration

May 31, 2021 – Submission of the Abstract

June 15, 2021 – Notification of acceptance

June 25, 2021 – Programme

July 01-03, 2021 – Conference works

CONTACTS:

- Web: <http://cecmi.usm.md/MITRE/>
- E-mail: confmitre@gmail.com
- Address: Moldova State University, Faculty of Mathematics and Computer Science, Alexe Mateevici Str. 60, Chișinău, MD-2009, Republic of Moldova

TECHNICAL CONDITIONS FOR EDITING THE ABSTRACT

The abstract (up to 1 page) for Conference MITRE-2021 should be written in English, LaTeX2e, according to the sample below. Abstract for the Section Didactics of Mathematics and Informatics can be written in English or Romanian.

Please send the abstract in files under the extensions .tex and .pdf, having as title the number of section and the name of the first author (e.g., for section 2: 2ionescu.tex and 2ionescu.pdf).

LATEX 2e SAMPLE

```
\documentclass[10pt,a4paper]{article}
\usepackage{amsfonts}
\usepackage{amssymb}
\usepackage{amsmath}
\usepackage{amsthm}
\newcommand{\titleart}[1]{\bigskip\begin{center}\large
\textbf{#1}\end{center}\vspace{-6mm}}
\newcommand{\autorart}[1]{\begin{center}\large
\textsf{#1}\end{center}\vspace{-6mm}}
\newcommand{\coord}[1]{\begin{center}\small
\textit{#1}\end{center}\vspace{-6mm}}
\newcommand{\mail}[1]{\begin{center}\small
\texttt{#1}\end{center}\normalsize}
\renewcommand{\thefootnote}{\fnsymbol{footnote}}
\begin{document}

\titleart{TITLE OF THE ABSTRACT}

\autorart{First name Last name of the first author\index{Last name
Initials.}, First name Last name of the second author\index{Last
name Initials.}}
\footnote{{\it Speaking author}: Initials. Last
name of the speaking author (if there are co-authors)}}

\coord{Affiliation, country, e.g. Moldova State University,
Chi\c{s}in\u{a}u, Republic of Moldova}

\mail{ 1author@yahoo.com, 2author@gmail.com}

% \addc{Initials. Last name of the first author, Initials. Last name of the second author}{ Title of
the abstract}
% \stopcr

\medskip

Text ...

An example of theorem (lemma):

{\bf Theorem 1.} {\it The formulation of the theorem.}
```

Text ...

Examples of formulas:

```
\begin{equation}
\int\limits_a^b f(x) dx = F(x) + c.
\end{equation}
```

or

```
$$
a^2 + b^2 = c^2. \eqno(2)
$$
```

or

```
$$
a^3 + b^3 \leq c^3.
$$
```

References are allowed only if there exist citations in the text (see, e.g. [1-2]).

\medskip

```
{\small \centerline{\bf References:}
\smallskip
```

```
\noindent 1. Initials. Name of author. Title of the article. {\it
Title of the Journal}, {\bf number of issue} (Year), page--page.
```

```
\noindent 2. Initials. Name of author. {\it Title of the book}.
Publishing House, Place, Year.
```

}

```
\end{document}
```