



XIII International Conference of the Georgian Mathematical Union

First Announcement

The XIII International Conference of the Georgian Mathematical Union will be held on **September 4 - 9, 2023, in Batumi**, Black Sea resort of Georgia.

The Conference venue: [Batumi Shota Rustaveli State University](#).

The conference will be held in a mixed format.

Conference sections and co-chairs:

- Algebra and Number Theory (Emzar Khmaladze, Teimuraz Pirashvili),
- Applied Mathematics, Informatics and Computing in Environmental Sciences (Teimuraz Davitashvili, Manana Khachidze, Ramaz Kvatadze),
- Differential Equations and Applications (Otar Chkadua, Roland Duduchava, Nugzar Shavlakadze),
- Geometry and Topology (Malkhaz Bakuradze, Vladimer Baladze, George Khimshiashvili),
- Logic, Language, Artificial Intelligence (Besik Dundua, Kostantin Pkhakadze, Mikheil Rukhaia),
- Mathematical Education and History (Guram Gogishvili, Teimuraz Vepkhvadze),
- Mathematical Logic and Discrete Mathematics (Alexander Kharazishvili, Aleksis Kirtadze, Roland Omanadze),
- Mathematical Modeling and Numerical Analysis (Temur Chilachava, Temur Jangveladze, Hamlet Meladze),
- Mathematical Physics (Alexander Kvinikhidze),
- Probability Theory and Statistics, Financial Mathematics (Vakhtang Kvaratskhelia, Omar Purtukhia, Vaja Tarieladze),
- Real and Complex Analysis (Lasha Ephremidze, George Oniani, George Tephnadze).

Thematic Minisymposia: Participants wishing to organize minisymposia are invited to send applications with a title and description of the topic before **June 15, 2023**, to conferences.gmu@gmail.com.

To launch a minisymposium there should be at least five speakers.

Registration: Please visit the conference website

<http://gmu.gtu.ge/conferences/batumi2023/registration/>

for preliminary registration. You will receive the information about the registration fee later.

It is planned to publish conference proceedings in the international “Journal of Mathematical Sciences” (Springer, <https://www.springer.com/journal/10958>), which is indexed in the Scopus. A limited number of articles will be selected by the respective section chairs and will be published after going through a standard peer review process.

Abstract submission: Please, visit the webpage <http://gmu.gtu.ge/conferences/> for registration and submission of \LaTeX and pdf files of your abstracts before **July 15, 2023**.

Late submissions will not be accepted. \LaTeX abstracts should be prepared in English according to the [standard template file](#). Abstracts in different formats will not be accepted by the organizing committee. A pdf file of the [abstract](#) should not exceed **1** page. We kindly ask you to follow the rules indicated in the [template file](#). The [abstract template file](#)¹ can be downloaded from the conference webpage.

Attention: Your registration will be considered complete and your abstract will be published in the Book of Abstracts if the abstract is approved by the Scientific Committee and the registration fee is paid.

IMPORTANT DEADLINES

June 15, 2023 - Deadline for minisymposia applications.

July 15, 2023 - Deadline for abstract submission.

July 20, 2023 - Notification of acceptance.

July 31, 2023 - Deadline for payment of the Conference Fee for those participants who want to include the abstract in the Book of Abstracts.

You will receive additional information by the Second Announcement.

Professor Alexander Meskhi

President of the Georgian Mathematical Union,
Chair of the Organizing Committee

Professor Anzor Beridze

Professor David Natroshvili

Co-Chairs of the Scientific Committee

¹<https://www.overleaf.com/latex/templates/latex-template-for-gmu-conferences/mhfwzfhppjq>