



# XV International Conference of the Georgian Mathematical Union

## Second Announcement

The XV International Conference of the Georgian Mathematical Union will be held on **September 1 - 6, 2025**, in **Batumi**, Black Sea resort of Georgia.

**The Conference venue:** Batumi Shota Rustaveli State University (35, Ninoshvili Str., 6010 Batumi, Georgia; webpage: <http://www.bsu.edu.ge>).

The conference will be held in a mixed format.

### Conference sections and co-chairs:

- Algebra and Number Theory (**Emzar Khmaladze, Teimuraz Pirashvili, Ketevan Shavgulidze**)
- Differential and Integral Equations, and Their Applications (**Otar Chkadua, Nugzar Shavlakadze**)
- Geometry and Topology (**Malkhaz Bakuradze, Vladimer Baladze, George Khimshiashvili**)
- Logic, Language, Artificial Intelligence (**Besik Dundua, Konstantine Pkhakadze, Mikheil Rukhaia**)
- Mathematical Education and History of Mathematics (**Guram Gogishvili, Teimuraz Vepkhvadze**)
- Mathematical Logic and Discrete Mathematics (**Alexander Kharazishvili, Aleksi Kirtadze, Roland Omanadze**)
- Mathematical Modeling and Numerical Analysis (**Temur Chilachava, Temur Jangveladze, Hamlet Meladze**)
- Theoretical 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**)

**Mini-symposium:** Applied data science (**Manana Khachidze, Magda Tsintsadze**).

This mini symposium welcomes contributions that demonstrate practical data science applications across diverse fields such as health, environment, economics, engineering, and social sciences. We encourage real-world case studies, innovative and ethical methods, and scalable solutions.

**Thematic Mini-symposia:** Participants wishing to organize mini-symposia are invited to send applications with a title and description of the topic before **June 15, 2025** to [conferences.gmu@gmail.com](mailto:conferences.gmu@gmail.com). To launch a mini-symposium there should be at least five speakers.

**Registration:** Please visit the conference website <http://gmu.gtu.ge/conferences/> 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 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, 2025**.

**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 abstracts should not exceed 1 page. We kindly ask you to follow the rules indicated in the template file. The abstract template file can be downloaded from the conference webpage.

#### **Fees for the GMU 2025 Conference:**

For Master and PhD Students 50 Euro

For other participants 150 Euro

Ukrainian mathematicians participating in the conference will be exempt from the Conference fee.

**Please, pay attention that, if you do not pay the conference fee on site, all bank charges should be paid by the remitter (participant).**

The bank account details for money transfer you can find at the Conference webpage (see the menu item: **Information**).

<b>Registration Fee Includes</b>	Access to the scientific sessions
	Book of Abstracts (electronic version)
	Program of the conference
	Technical organization
	Certificate of Attendance
	Conference Dinner
	Coffee Breaks
<b>Payment</b>	Foreign participants will be allowed to pay the conference fee on-site during the registration. In this case, such participants must inform the Organizing Committee in advance, before July 31, concerning on-site payment.

**Attention:** Your registration will be considered completed 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.

**Visa Information:** Citizens of many countries do not need an entrance visa for Georgia (citizens of EU countries, USA, Japan, Israel, Turkey, Iran, Canada, Armenia, Azerbaijan, Moldova, Ukraine, Russia, etc.). More precise information can be retrieved from the WEB-site [www.geoconsul.gov.ge/HtmlPage/Html/View?id=25&lang=Eng](http://www.geoconsul.gov.ge/HtmlPage/Html/View?id=25&lang=Eng). Citizens of some countries, including citizens of India, Pakistan, etc., should apply for a visa in Consulates of Georgia in their own or nearest countries. For a detailed information please visit the WEB <https://new.geoconsul.gov.ge/en>.

**Travel Information:** Batumi can be reached from **Tbilisi**, from **Istanbul** and some other cities of Europe. The **Batumi airport** is very close to the city. Participants can also use the **Kutaisi International Airport** (150 km to Batumi with a comfortable bus). Batumi is about 350 km west from Tbilisi, about 5-6 hours by train / bus.

**Accommodation:** You can reserve a hotel, for example, through WEB <http://www.booking.com/>. You can also find a private apartment to rent on the WEB <https://www.airbnb.com/>.

**Weather** in the beginning of September in Batumi is warm and humid. It is an immense pleasure to swim in the sea when the weather is hot.

**IMPORTANT DEADLINES:**

**June 15, 2025** - Deadline for mini-symposia applications

**July 15, 2025** - Deadline for abstract submission

**July 20, 2025** - Notification of acceptance

**July 31, 2025** - Deadline for payment of the Conference Fee for those participants who want to include the abstract in the Book of Abstracts.

For further information, see the webpage of the conference.

If you have any questions, please contact Conference Organizers: [conferences.gmu@gmail.com](mailto:conferences.gmu@gmail.com)

**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