



## XIII International Conference of the Georgian Mathematical Union

### Second Announcement

The XIII International Conference of the Georgian Mathematical Union (GMU2023) will be held on **September 4-9, 2023, in Batumi**, a Black Sea resort in Georgia.

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

The conference will be held in a hybrid 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, Konstantine 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, Giorgi Oniani, George Tephnadze)

**Thematic Mini-symposia:** Participants wishing to organize mini-symposia are invited to send applications with a title and description of the topic to [conferences.gmu@gmail.com](mailto:conferences.gmu@gmail.com) before **June 15, 2023**. To launch a mini-symposium, there should be at least five speakers.

**Registration:** Please visit the conference website <http://gmu.gtu.ge/conferences/batumi2023/registration/> for preliminary registration. Information about the registration fee will be provided at a later date.

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 undergo a standard peer review process before publication.

**Abstract submission:** Please visit the website <http://gmu.gtu.ge/conferences/batumi2023/registration/> to register and submit [L<sup>A</sup>T<sub>E</sub>X](#) and [pdf](#) files of your abstracts before **July 15, 2023**.

**Late submissions will not be accepted.** [L<sup>A</sup>T<sub>E</sub>X](#) abstracts should be prepared in English according to the [standard template file](#). Abstracts in different formats will not be accepted by the organizing committee. The PDF file of the [abstract](#) should not exceed **one** page. We kindly ask you to follow the rules indicated in the [template file](#)<sup>1</sup>, which can be downloaded from the [conference website](#).

**Fees for the GMU2023 Conference:**

For Master’s and PhD Students: 50 Euros  
 For other participants: 100 Euros

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

**Please pay attention that if a participant does not pay the conference fee on-site, all bank charges should be covered by the remitter (participant).**

Bank account details for money transfers can be found on the [conference web page](#) under the “**Information**” menu.

<b>The registration fee includes</b>	Access to the scientific sessions
	An electronic version of the book of abstracts
	Conference materials
	A certificate of attendance
	Coffee breaks

<b>Payment</b>	Foreign participants will be allowed to pay the conference fee on-site during registration. However, such participants have to inform the Organizing Committee in advance, before July 31, of their intention to pay on-site.
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**Attention:** Your registration will only be considered complete and your abstract will be published in the **Book of Abstracts** if both the Scientific Committee approves your abstract and you have paid the registration fee.

**Visa Information:** Getting a visa for Georgia is often the easiest part of travel. Citizens of many countries, including EU countries, the USA, Japan, Israel, Turkey, Iran, Canada, Armenia, Azerbaijan, Moldova, Ukraine, and Russia, do not need an entrance visa. For more precise information, please check the website <https://new.geoconsul.gov.ge/en/entering-georgia>. However, citizens of some countries, such as India, Pakistan, etc., will need to apply for a visa at the Consulate of Georgia in their own country or the nearest location. For detailed visa information, please visit <https://new.geoconsul.gov.ge/en>.

**Travel Information:** Getting to Batumi is easy, with several transportation options available. Batumi can be reached from Tbilisi, Istanbul, and some other cities in Europe. The **Alexander Kartveli Batumi International Airport** is conveniently located close to the city centre. Participants can also use the **David the Builder Kutaisi International Airport** (Kopitnari), which is about 250 km from Batumi, with a comfortable bus connecting the two cities. If travelling from Tbilisi, Batumi is about 375 km to the west and can be reached in approximately 5-6 hours by train or bus.

**Accommodation:** There are several options for booking accommodation in Batumi. You can reserve a hotel room through websites like <https://www.booking.com/>. Alternatively, you can find private apartments to rent on websites like <https://www.airbnb.com/>. Detailed information about some hotels and tours in the frame of social program is also available on the conference website.

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

**The weather** in Batumi at the beginning of September is warm and humid, and it is an immense pleasure to swim in the sea.

### **IMPORTANT DEADLINES**

**June 15, 2023** - Deadline for mini-symposia 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.

For further information, please visit the conference web page: <http://gmu.gtu.ge/conferences/>.

If you have any questions, please do not hesitate to contact the conference organizers at

[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