



## XVI International Conference of the Georgian Mathematical Union

### First Announcement

The XVI International Conference of the Georgian Mathematical Union will be held on **August 31 – September 5, 2026, 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, Ketevan Shavgulidze),
- **Differential and Integral Equations, and their 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, Aleksi 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, 2026**, to [conferences.gmu@gmail.com](mailto: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/> 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 **L<sup>A</sup>T<sub>E</sub>X** and **pdf** files of your abstracts before **July 15, 2026**.

**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. 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](#)<sup>1</sup> can be downloaded from the conference webpage.

## IMPORTANT DEADLINES

**June 15, 2026** - Deadline for minisymposia applications.

**July 15, 2026** - Deadline for abstract submission.

**July 20, 2026** - Notification of acceptance.

**July 31, 2026** - Deadline for payment of the Conference Fee for those participants who want to include the abstract in the Book of Abstracts.

There are planned to organize two international satellite conferences of the GMU International conferences: The Tbilisi Analysis & PDE Workshop (August 26-29, University of Georgia, Tbilisi) and the International Conference „Algebra, Analysis, and Their Applications” (September 7-9, Kutaisi International University, Georgia).

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

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