

# Proposal to Organize FSCD 2023

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## Brief overview

In July 2023, we plan to organize the Computational Logic Summer Summit (CLSS 2022) in Batumi, Georgia, and propose to include FSCD 2023 as a part of it. The summit is a series of events related to computational logic. It will be held at the Batumi Shota Rustaveli State University (BSU).

The conference venue will be in the main building of the BSU, where there are several fully equipped conference halls (one big hall with more than 250 places and few smaller ones ranging from 30 to 60 places). BSU has a modern infrastructure and facilities, experience in organizing local and international conferences, symposia, student olympiads, etc. Rooms of the main building are equipped with blackboard, beamer, computers, Internet connection (including eduroam), etc.

The summit will be supported by the Vekua Institute of Applied Mathematics (VIAM) of Tbilisi State University and the Kurt Gödel Society (KGS). VIAM, KGS and BSU researchers, as well math and computer science students of BSU will be involved in the organization of the summit. Besik Dundua will chair the FSCD Conference. The following people will be responsible for the local organization of CLSS 2023:

- Matthias Baaz, Vienna University of Technology
- Anzor Beridze, Batumi Shota Rustaveli State University
- Besik Dundua, VIAM, Tbilisi State University
- Mikheil Rukhaia, VIAM, Tbilisi State University

As external consultants, Temur Kutsia (RISC, Johannes Kepler University Linz) and Luigi Liquori (INRIA Sophia Antipolis) will be supporting the organization team.

## Previous experience of organizing scientific events

The organizing committee members have very rich experience in organizing scientific events:

- In 2022, Matthias Baaz, Besik Dundua and Mikheil Rukhaia will organize Computational Logic Autumn Summit 2022, where more than 10 scientific events in computational logic take place.
- In 2019, Besik Dundua and Mikheil Rukhaia have organized Winter School on Theoretical Foundations of Computer Science and Autumn school on Machine Learning. The total number of attendees of both schools was around 80 students, 30 of which were international and the rest were from Georgia. The organizers raised 40 000 USD from the Shota Rustaveli National Science Foundation of Georgia to organize those schools. Besik and Mikheil were also involved in the organization of the International Conference on Applications of Mathematics and Informatics in Natural Sciences and Engineering, which takes place yearly at VIAM.
- Batumi State University every year hosts Georgian Mathematical Union Annual International Conference, where Anzor Beridze and Mikheil Rukhaia are members of organizing committee. The number of participants on these conferences was around 200 in non-pandemic years.
- Matthias Baaz organizes International Tbilisi Summer School in Logic and Language in Georgia every year starting from 2005. He was also involved in the organization of Vienna Summer of Logic 2014, the largest event in the history of logic.

## National, regional, and local government and industry support, both organizational and financial

We expect financial support from the government of Autonomous Republic of Adjara. We will also apply for a conference support grant to the Shota Rustaveli Georgian National Science Foundation. Taking into account the pandemic-related crisis, it is not realistic to expect funding from local companies.

## Possible dates

CLSS 2023 will be organized between 17–30 July, 2023. FSCD can take place at any time during this period. The following events have already agreed to join it:

- 13th International Conference on Algorithms and Complexity, CIAC 2023,
- 29th International Conference on Types for Proofs and Programs, TYPES 2023.

We expect TABLEAUX and CiE also to join CLSS.

## Location, fees, expenses

The main building of Shota Rustaveli Batumi State University is located in the beautiful Batumi seaside boulevard in the city center, from where many hotels, cafeterias, pubs, restaurants, parks, other attractions (beach, dolphinarium, aquarium, zoo, etc.) are within walking distance.

The estimated CLSS regular registration fee is 300/350 Euro (early/late) and for students 200/250 Euro (early/late), which will include access to the conference material, conference proceedings/USB Stick, coffee breaks, and social events (welcome party, excursion and banquet). The estimated registration fee for workshops is 100 Euro per workshop day and includes access to the conference material, conference proceedings/USB Stick and coffee breaks.

Batumi International Airport is 8 km away from the city center and offers direct connections to Tbilisi, Istanbul, Kiev, and Tel Aviv. From the airport, the city can be reached by bus (0.5 GEL, 0.15 Euro) or by a taxi (approx. 15 GEL, 4 Euro). Another option is to fly to Kutaisi in the west of Georgia, where low budget air companies (such as WizzAir) are operating (Kutaisi International Airport is connected to many destinations in Europe and Asia). Shuttle bus from the Kutaisi airport to Batumi takes about 2.5 hours and costs around 4 Euro.

Public transportation is very cheap in Batumi. Minibus and bus cost only 0.5 GEL (0.2 Euro), and taxi costs at most 10 GEL (3 Euro) in Batumi between any two locations inside the city.

Batumi is located in the black sea coast and July is an active tourist season. The hotel prices have quite a big range depending on location, brand, etc., but the average price for a single room with breakfast in a three-star hotel in Batumi is 40 Euro during high season (July to September). The university does not have a dormitory, but hostels are quite cheap in Batumi.

## Social events

Georgian cuisine is one of the main attractions of the country. Georgia is one of the oldest wine regions in the world and a very popular tourism destination.

Warm subtropical climate, a mixture of sea and mountain air, developed leisure infrastructure make the region of Adjara popular for travellers interested in various types of tourism (maritime, gastronomic, cultural, mountain, bird-watching, . . .). There are many options to organize an excursion and a banquet.