

Proposal to Organize FSCD 2028 in Tbilisi, Georgia

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1. Overview

We propose to host the 13th International Conference on Formal Structures for Computation and Deduction (FSCD 2028) in Tbilisi, Georgia, at Ivane Javakhishvili Tbilisi State University (TSU), with organizational support from the Vekua Institute of Applied Mathematics (VIAM), the Kurt Gödel Society (KGS), and the Georgian logic and theoretical computer science community.

Proposed Conference Chair

- Besik Dundua, Ivane Javakhishvili Tbilisi State University

Proposed Local Organizing Committee

- Besik Dundua, TSU / VIAM
- Mikheil Rukhaia, TSU / VIAM
- Additional local faculty members, researchers, and graduate student volunteers from TSU will participate in the organization.

External Advisors

We expect support and advice from:

- Matthias Baaz, Vienna University of Technology / Kurt Gödel Society
- Sandra Alves, University of Porto
- Maribel Fernández, King's College London
- Temur Kutsia, RISC, Johannes Kepler University Linz

TSU is the oldest and largest university in Georgia, with approximately 22,000 students across seven faculties. The university has extensive experience hosting international conferences, schools, workshops, and academic competitions.

The conference venue will be located in the historical first building of TSU in central Tbilisi. The venue includes:

- one plenary hall with capacity exceeding 300 participants;
- several additional lecture rooms suitable for parallel workshops and tutorials;
- full audiovisual infrastructure;
- campus-wide internet access, including eduroam;
- on-site technical and administrative staff.

We anticipate approximately 200 participants, including workshop participants, consistent with recent FSCD editions.

2. Motivation and Relevance to FSCD

The Georgian theoretical computer science and logic community has strong research interests aligned with the scope of FSCD, including:

- proof theory;
- automated deduction;
- rewriting;
- type theory;
- formal methods;
- computational logic;
- lambda calculi;
- logic programming;
- symbolic computation.

Hosting FSCD 2028 in Tbilisi would further strengthen interactions between the international FSCD community and researchers in Eastern Europe and the Caucasus region.

Georgia offers a geographically attractive and financially accessible location between Europe and Asia, helping broaden participation from emerging research communities.

3. Experience Organizing Scientific Events

The organizing team has substantial experience managing international scientific events in logic and theoretical computer science.

Recent events include:

- JELIA 2025 – 19th European Conference on Logics in Artificial Intelligence, held in Kutaisi, Georgia, at Kutaisi International University, September 1–5, 2025;
- ITP 2024 – 15th International Conference on Interactive Theorem Proving, held in Tbilisi, Georgia, at Tbilisi State University, September 9–14, 2024;
- CiE 2023 – Computability in Europe 2023, held in Batumi, Georgia at Batumi Shota Rustaveli State University, July 24–28, 2023;
- CLAS 2022 – Computational Logic Autumn Summit 2022, held in Tbilisi, Georgia, at Tbilisi State University, September 19–30, 2022, hosting ten co-located events in computational logic;
- International Tbilisi Summer School in Logic and Language, organized annually in Tbilisi, Georgia, since 2005;
- Winter School on Theoretical Foundations of Computer Science, held in Tbilisi, Georgia, at International Black Sea University, February 4–9, 2019;
- Autumn School on Machine Learning, held in Tbilisi, Georgia, at International Black Sea University, October 3–11, 2019.

These events involved both fully in-person and hybrid formats and included international participants from Europe, North America, Asia, and Australia.

Student volunteers from TSU mathematics and computer science programs will be available for local support.

4. Governmental, Institutional, and Industry Support

We expect organizational and financial support from:

- Ivane Javakhishvili Tbilisi State University;
- Vekua Institute of Applied Mathematics;
- the Kurt Gödel Society;
- the Shota Rustaveli National Science Foundation of Georgia.

TSU is expected to provide substantial in-kind support, including:

- conference rooms;
- networking infrastructure;
- technical support;
- volunteer coordination.

We will also seek additional sponsorship from local technology companies and international academic partners.

5. Accessibility and Attractiveness of the Location

Tbilisi is well connected internationally and offers affordable transportation and accommodation.

International Access

Tbilisi International Airport provides direct connections to many European and Asian destinations. Additional connections are available through major hubs including Istanbul, Vienna, Warsaw, Munich, Riga, Doha, and Athens.

Kutaisi International Airport, served by several low-cost airlines including Wizz Air, provides an additional economical option for participants traveling from Europe.

Local Transportation

The TSU main building is centrally located and easily accessible by metro, buses, taxis, and on foot from many hotels.

Public transportation in Tbilisi is inexpensive and efficient. Taxi services such as Bolt are widely available and relatively cheap.

Attractiveness

Tbilisi is known for its rich cultural and historical heritage, diverse architecture, vibrant food culture, proximity to mountains and wine regions, and affordability relative to many European conference destinations.

The conference venue is within walking distance of restaurants, cafés, hotels, parks, museums, and cultural sites.

6. Proposed Dates

We propose holding FSCD 2028 during one of the preferred periods indicated in the call:

- the week of August 21, 2028;
- the week of August 28, 2028;
- the week of September 4, 2028.

Our preferred option is:

- Main conference: September 4–8, 2028;
- Workshops and affiliated events: September 2–3 and September 9–10, 2028.

This schedule avoids major university teaching conflicts while benefiting from milder weather conditions compared to July and early August.

We are not aware of major conflicting local events during this period.

7. Registration Costs

We aim to keep registration costs moderate and accessible.

Preliminary estimated fees are:

Category	Early	Late
Regular conference	350 EUR	450 EUR
Student conference	200 EUR	300 EUR
Workshop-only	100 EUR	150 EUR
Accompanying person	150 EUR	150 EUR

These estimates include:

- conference materials;
- coffee breaks;
- social events;
- conference dinner.

We will actively seek sponsorship to support student participation and travel grants.

8. Conference Facilities

TSU can provide facilities suitable for FSCD and affiliated workshops.

Main Conference Requirements

The venue includes:

- one plenary hall for more than 300 participants;
- multiple lecture halls for parallel sessions;
- AV-equipped rooms;
- high-speed internet access;
- spaces for coffee breaks and informal interaction.

Workshops and Tutorials

The university can provide sufficient additional rooms for:

- workshops;
- tutorials;
- satellite meetings;
- business meetings.

Technical Infrastructure

Available infrastructure includes:

- projectors;
- microphones;
- recording capability;
- stable wireless internet;
- technical support staff.

Professional administrative and technical personnel from TSU will support conference operations.

9. Hybrid Participation Support

We are committed to supporting hybrid participation if required by the community.

The organizing team has prior experience running hybrid scientific events, including CLAS 2022 and subsequent workshops.

We plan to provide:

- live streaming for talks;
- remote presentation capability;
- recording infrastructure;
- online access for registered remote participants.

Final hybrid arrangements will depend on budget, participant demand, and recommendations from the FSCD Steering Committee.

10. Accommodation and Food Services

Tbilisi offers accommodation across a wide range of budgets.

Accommodation

Typical price ranges near the venue are:

Type	Approximate Price per Night
Hostel / guesthouse	25–40 EUR
Mid-range hotel	50–100 EUR
Higher-end hotel	120+ EUR

Many accommodations are within walking distance or short metro rides from TSU.

Food

The conference area contains numerous restaurants and cafés offering:

- Georgian cuisine;
- vegetarian and vegan options;
- international cuisine.

Lunch options are generally affordable compared to Western European cities.

11. Social Program and Tourism

Georgia is an increasingly popular international tourist destination offering:

- historical monuments;
- UNESCO heritage sites;
- mountain landscapes;
- Black Sea coast;
- renowned cuisine and wine traditions.

Possible excursion destinations include:

- Mtskheta;
- Signaghi;
- Uplistsikhe;
- Kazbegi and the Greater Caucasus region.

The conference dinner will feature traditional Georgian cuisine and wine culture.

12. Conclusion

We believe that Tbilisi would provide an attractive, affordable, and academically strong setting for FSCD 2028. The local organizing team combines international experience in logic and theoretical computer science with substantial experience organizing international conferences and schools.

We would be honored to host the FSCD community in Georgia in 2028.