



BGL 2017

10th Bolyai-Gauss-Lobachevsky Conference on Non-Euclidean Geometry and its Applications

August 21-26, 2017,
Károly Róbert Campus, Eszterházy Károly University
Gyöngyös, Hungary

<https://indico.cern.ch/e/bgl17/>

Budapest, Hungary, January 25, 2017

First Circular

Dear Colleagues,

We are pleased to invite you to participate and to present your recent results at the 10th Bolyai – Gauss – Lobachevsky Conference on non-Euclidean Geometry and its Applications (BGL conferences). This conference continues the tradition of bringing together experts in **mathematics** and **physics** as well as in **history of science** and outreach, related to non-Euclidean geometry and the scientific heritage of Bolyai, Gauss and Lobachevsky. In 2017, a particularly interesting new topics will be related to the direct observation of gravitational waves. **L. Lovász**, the president of the Hungarian Academy of Sciences accepted to act as the Honorary Chair of this conference.

This anniversary event of the BGL series will be held in the Károly Róbert Campus of the newly (in July 2016) founded Eszterházy Károly University, Gyöngyös, Hungary, on August 21-26, 2017. The conference site is reachable within 55 minutes from the Franz Liszt Budapest Airport along the M3 highway, in North-Eastern part of Hungary.

Please mark the date and venue in your calendars and consider coming.

We invite submissions of talks within the above areas in general, related to the following topics:

- Applications of non-Euclidean geometry in physics
- Applications of non-Euclidean geometry in informatics and other fields of science
- Biographies, bibliography, and personal relations of BGL
- Diffraction and optical methods in accelerator physics
- Femtoscopy in high energy physics and non-Euclidean geometry
- Gravitational waves and the strongly coupled limit of curved space-time
- History of science and non-Euclidean Geometry
- Metric theory, integrals in the Lobachevsky space
- Predecessors and followers of Bolyai, Gauss and Lobachevsky
- Recent results on life and science of Bolyai, Gauss and Lobachevsky
- Recent results on non-Euclidean geometry in mathematics
- Riemannian geometry of generalisations of the hyperbolic space
- Science outreach - methods to spread and to popularize the BGL knowledge
- Other important new developments (open to suggestions).

Last, but not least, we dedicate the 10th, anniversary Bolyai-Gauss-Lobachevsky conference to the memory of **Prof. I. Lovas** (1931-2014), member of the Hungarian Academy of Sciences and the European Academy of Arts, Sciences and Humanities (Paris), who was born in the Gyöngyös region and who was one of the founder of this conference series.



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If you plan to come, **please register as soon as possible** and suggest the title of your presentation, by filling out the form on <https://indico.cern.ch/event/586799/registrations/> .

- **The registration to BGL 17 is now open.**
- Early registration fee (until June 30) is **280 EUR**, after that date the late registration fee of 320 EUR applies. Supported students pay the half of these values.
This registration fee includes conference related costs, lunches, coffee breaks and social events (welcome dinner on Monday, excursion on Wednesday and a local wine tasting in Farkasmály and a conference dinner in Mátrafüred on Thursday), but it does not include housing expenses and the cost for post-conference excursion.
- We recommended the following housing option:
[Károly Róbert Hostel](#) (**25 EUR/night/single/person**, 20 EUR/night/double/person)
This hostel has clean and spacious, well equipped rooms suitable for 1 or more persons. A limited number of rooms, can be reserved and paid, together with the registration fee, to the conference account at the Wigner Research Centre for Physics of the Hungarian Academy of Sciences. There are other good hotels and hostels nearby, that are listed on the web site of the conference, together with other [practicalities](#) like travel info, visa, weather, currency etc.
- We recommend that you join us on the post-conference excursion to Eger as well. Eger is one of touristic centers of Hungary and home of world famous red wines. This excursion will be Saturday, August 26, 2017, for the extra cost of **40 EUR**.

More information is available at the web-pages of [BGL 2017](#), that are and will be regularly updated as soon as new information becomes available.

Looking forward to an inspiring and useful meeting, and we sincerely hope that you can accept this invitation to Gyöngyös, Hungary in August 21-25, 2017.

Best regards, yours faithfully

Tamás Csörgő
Chair of BLG 2017 LOC

László Jenkovszky
Chair of BLG 2017 IAC

Máté Csanád
Scientific Secretary, BLG 2017

Tamás Novák
Co-Chair of BLG 2017 LOC

on behalf of the [Committees of BGL17](#)