



# 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

## Announcement

Dear Colleagues,

We are pleased to announce that the 10<sup>th</sup> 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. The conference venue is the Károly Róbert Campus of the recently founded Eszterházy Károly University, Gyöngyös, Hungary, on August 21-26, 2017.

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

- 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).

If you plan to come, please register as soon as reasonably achievable, by filling out the form on <https://indico.cern.ch/event/586799/registrations/> . **The registration to BGL 17 is now open.**

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

Looking forward to an inspiring and useful meeting.

Best regards, yours faithfully

Tamás Csörgő (Chair, LOC)

Máté Csanád (Scientific Secretary)

László Jenkovszky (Chair, IAC)

Tamás Novák (Co-Chair, LOC)

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