



CERN BALTIC GROUP

CBG 3RD BALTIC SCHOOL OF HEP AND ACCELERATOR PHYSICS
7-11 AUGUST, PALANGA

WHAT IS CERN BALTIC GROUP



International Collaboration bound by a MoU

Group members are equal

No fixed centralized structure (office, budget)

Examples of similar organizational forms:

- MoU. International Particle Physics Outreach Group (IPPOG, International Collaboration bound by a MoU at CERN) Members are countries, IPP LABs and experiments. Associate members are national LABs. Budget administrated by CERN.
- MoU. Between business entities before moving to NDA and following information sharing.
- Consortiums. Participation on project calls (EU-HORIZON, etc.). Leading partner has the responsibility for the project (proposal, budgeting, delivearbles).
- Consortiums with registered body and budget.

THE MAIN OBJECTIVES OF THE CERN BALTIC GROUP



1. Coordination of the Baltic research institutions activities towards CERN and related Collaborations/experiments
2. Strengthening and development of Baltic High Energy Physics community
3. Development of the Baltic international multidisciplinary masters/doctoral level study programme in High Energy Physics and Accelerator Technologies

CERN BALTIC GROUP MEMBERS



1. Riga Technical University (RTU) - Latvia
2. University of Latvia (UL) - Latvia
3. Tallinn University of Technology (TalTech) - Estonia
4. National Institute of Chemical Physics and Biophysics (NICPB) - Estonia
5. Vilnius University (UV) - Lithuania
6. Riga Stradins University (RSU) - Latvia
7. University of Tartu (UT) - Estonia
8. Kaunas University of Technology (KTU) - Lithuania
9. Vytautas Magnus University (VMU) - Lithuania
10. Ventspils University of Applied Sciences (VU), Latvia
11. Lithuanian Energy Institute (LEI), Lithuania
12. Daugavpils University (DU), Latvia
13. Lithuanian University of Health Sciences (LUHS), Lithuania

CERN BALTIC GROUP FORMATION 2018

- 1st CBG meeting, Riga, 2th Feb. 2018: CERN, RTU, University of Latvia, TalTech, NICPB, Lit. Acad. of Sci, Vilnius University.
- 2nd CBG meeting, CERN, 29.05.2018. MoU, founding members:



Riga Technical University (RTU) - Latvia

University of Latvia (UL) - Latvia

Tallinn University of Technology (TalTech) - Estonia

National Institute of Chemical Physics and Biophysics (NICPB) - Estonia

Vilnius University (UV) - Lithuania

Riga Stradins University (RSU) - Latvia

University of Tartu (UT) - Estonia

Kaunas University of Technology (KTU) – Lithuania

Workgroups: Study Program, CMS Group, Industry group

CERN BALTIC GROUP TODAY



- **13 higher education and research institutions as members.**
- **CBG Study Programme Working Group**
 - European MSc in Particle Physics and Accelerator Tech. for Research and Industry
 - Baltic School of HEP and Accelerator Physics
- **CERN CMS Tier2 computing**
 - NiCPB Tallinn – years of experience
 - CBG T2 evolving initiative
 - 44th CERN School of Computing (**CSC 2023**) Tartu, Aug 20 – Sept 2
- **Advanced particle therapy center.** Feasibility studies and development of He ion therapy research and treatment center.

Separate from CBG, but involved in meetings and activities - countrywise ILO-s

CERN BALTIC GROUP KEY EVENTS



ktu kaunas university of technology
1922

**BALTIC SCHOOL OF
HIGH-ENERGY PHYSICS AND
ACCELERATOR TECHNOLOGIES**

2023 7 – 11 August
Palanga, Lithuania

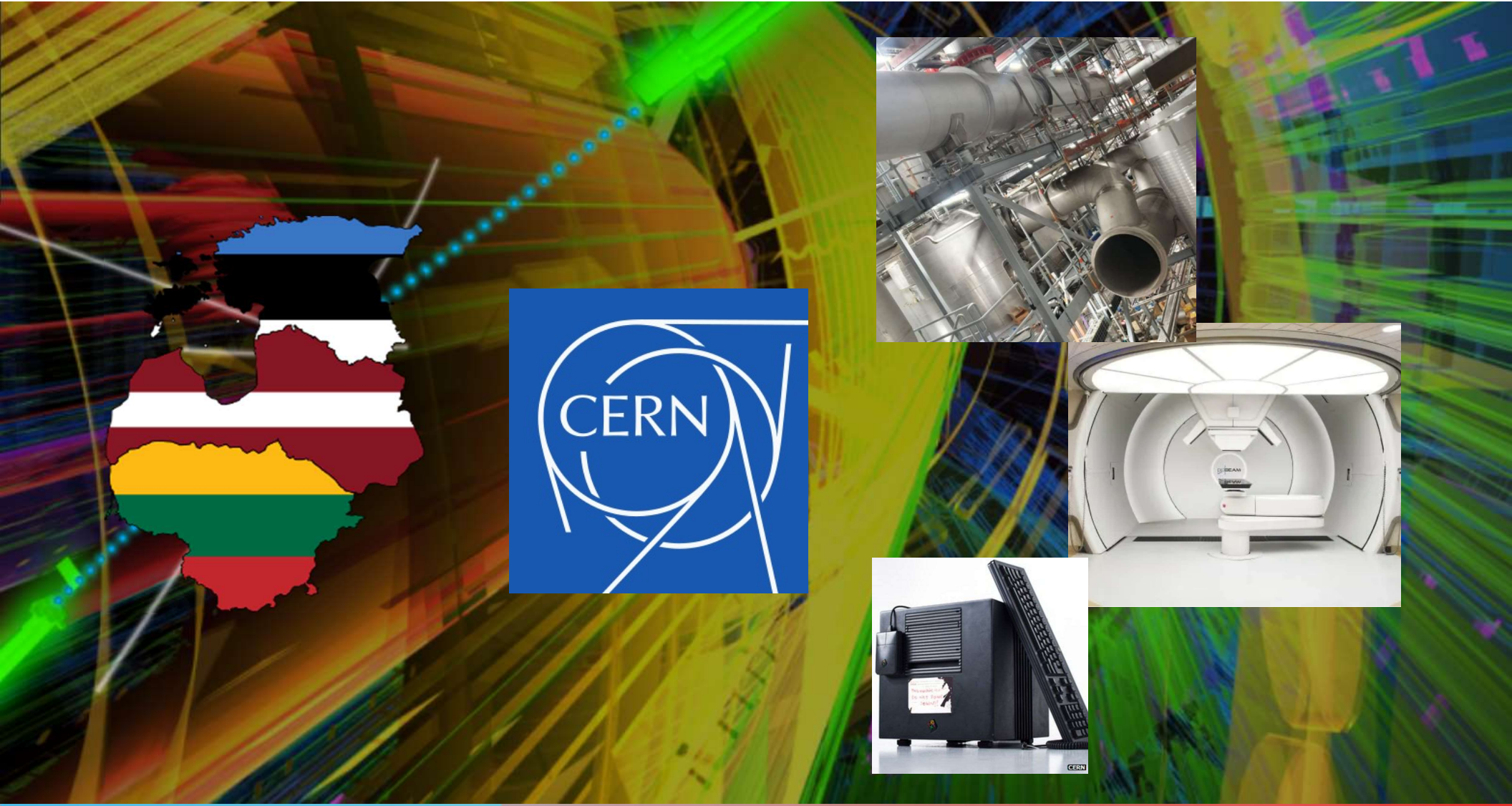
A graphic of an atomic symbol with a central nucleus of three spheres and three orbiting electrons on a blue background.

1862
RIGA TECHNICAL UNIVERSITY

09 - 11 OCTOBER

**3rd CERN Baltic Conference
2023**

A blue-tinted background image of a cityscape, likely Riga, with a prominent church spire on the right. A large blue triangle on the left contains the text '3rd'.





CERN BALTIC GROUP STRONG TOGETHER

Transparency, honesty, sharing and collaboration