

# Report on CBG - activities since last General Meeting

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CBG Chairman



# CBG objectives



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**Coordination** of the Baltic research institutions activities **towards CERN** and related Collaborations/Experiments

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**Strengthening** and development of Baltic **High Energy Physics Community**

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**Development** of the Baltic international multidisciplinary masters/doctoral level **study programme** in High Energy Physics and Accelerator Technologies

# Policy Actions - strengthening and developing the Baltic High Energy Physics community

- ▶ To support to the Baltic Teacher Programme
- ▶ Organising the Baltic School on High Energy Physics and Accelerator Technologies
- ▶ To continue active engagement with TIARA in order to promote CBG member institution participation in the accelerator community projects
- ▶ To support and encourage member institution participation FCC project. To seek synergies between partners of CBG
- ▶ Engaging in the major CERN-coordinated projects: I.FAST – RTU+TalTech+VMU; HITRIplus/NIMMS – RTU+KTU; PRISMAP – LU+RTU; HERTIS – RTU+UT
- ▶ Investigating feasibility of the CERN Baltic Internship Programme
- ▶ Investigating participation options for the CBG and its Members in CERN project Science Gateway

# Policy Actions - strengthening and developing the Baltic High Energy Physics community

- ▶ To continue successful liaison with Baltic Assembly - Parliamentary support at a Baltic level for the CERN related activities
- ▶ Inviting new Partners to join the CBG
- ▶ Maintaining a high-efficiency and collegiality of the CBG Technical Coordination Team and the CBG Secretariat
- ▶ Organising a CBG Conference under auspices of University of Tartu
- ▶ CBG Mission Statement – work in progress
- ▶ CBG collaboration with Scandinavia and Finland still to be explored ...

# Study Programme Actions

- ▶ **Excellent progress!**
- ▶ **Certifying** the HEP&AT doctoral Study Programme between RTU and LU
- ▶ Recruiting **students** for ~~Sep~~ 2021
- ▶ CBG expresses **gratitude** to all member institution experts for substantial contribution to the development of the curricula
- ▶ CBG reiterates importance of the linked **master level study programme**



# CMS Actions

- ▶ Development of **Tier2 Center in Latvia** - strong technical support and advise of Estonia (NICPB)
- ▶ The **Baltics contribution** to CMS projects is of **1.4 MCHF** in total
- ▶ Collaborative and aligned efforts for the **CMS Phase 2** upgrade
  - **in-kind** contribution via national industries and research entities
  - instead of cash payments
- ▶ Representative to the **CMS Computing Resources Board**
- ▶ To intensify work by engaging partner institutions and personal working in CMS projects: **better coordination and personal encouragement is needed**

# Still valid and ok?

- **General Meetings:** Riga-Geneva-Tallinn-Kaunas-...*virtual* / 6 + one extraordinary
- Daily work of the Coordination Team
- Regular **Technical Coordination Meetings** / 12 + *ad-hoc* thematic
- **Study Programme** Meetings: Vilnius-Tartu... / 6 + technical
- **CMS Group** Meetings / 6
- **Industry Group** Meetings / 2 + ILO

Σ 40 + joint events



# Industry engagement Activities

- ▶ **Mapping** CERN-relevant industries in the Baltic States
- ▶ **Fostering industrial cooperation** with CERN and its experiments
- ▶ **ILOs** of Lithuania, Estonia and Latvia are taking active part in the CBG General Meetings and Industry Group Meetings – coordination is needed
- ▶ Organising CERN **Industry Road Show** in Baltic States in 2022
- ▶ Coordinating the **Baltic Industry Days** at CERN in 2022



# Future avenues

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Baltic States are CERN Associate Members states – **to engage** in CBG work our CERN **Council Representatives**

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**To maintain** solid links with our **industries** and **to promote** joint **R&D projects** with CERN

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**To foster** closer CBG **partnerships**, especially in the CMS and other CERN based experiments

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**To maintain** the strong engagement with our Stakeholders

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**To evaluate** and eventually **to prepare** the joint **CBG networking projects** within EU framework

# CERN Council

Estonia

Dr Paul Liias  
Dr Mario Kadastik

Lithuania

H.E. Mr Andrius Krivas  
Prof. Valdemaras Razumas

Latvia

H.E. Mr. Bahtijors Hasans  
Dr Dmitrijs Stepanovs

# CERN Finance Committee



Estonia

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Dr Paul Liias

Lithuania

Prof. Andrius Juodagalvis  
Ms Vita Valiunaite

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Dr Dmitrijs Stepanovs