

10th CERN Baltic Group General Meeting

Tallinn, Tallinn University of Technology (TalTech), 21-22 November 2022
Hybrid format: in-person @ CERN + Zoom

Agenda and supporting documents are available at
<https://indico.cern.ch/event/1215747/>

Summary of the meeting

1. **Welcome address to the General Meeting** participants by CBG Chairman Dr. Ants Koel, TalTech and prof. Fjodor Sergejev, TalTech.
2. **Adoption of CBG 10th GM Agenda.** The agenda was adopted with no changes.
3. **CERN - collaboration with the Baltic States** Dr. Emmanuel Tsemelis confirms the importance of ongoing cooperation and CBG role.
4. **Report on activities since last the last CBG GM, incl. report from the CERN Council Meetings** Dr. Ants Koel reminds of the 2 past key events of the year, CBG School of HEP and Accelerator Technologies, Saaremaa August 8-12 and CBC 2022, Vilnius. Other important initiatives have been related to ILO business (CERN meets industry, Apr. 25-29 virtual and Sept Baltic Industry Days); CMS Tier-2 Baltic Project (kickoff June 7th, meeting in CERN Sept. 19th) and activities of Advanced Particle Therapy Center initiative (country meetings ongoing). No Baltice related news from the CERN Finance Committee and Scientific Policy Council. On CERN Council June 16-17 no Baltics specific topics were in agenda. On CERN Council (Restricted + Closed) Sept. 29-30 the Council heard an oral report by Ms Warakaulle related to the ongoing and forthcoming task-force processes for Cyprus, Estonia, India, Lithuania, Slovenia and Ukraine.
5. **Estonia - CERN: state-of-play** Dr. Ants Koel covers briefly the Estonian situation. No ground-breaking news. A new financial facility is in planning phase for financing consortiums related to science infrastructure objects (CERN, ESA, ESS, ...).
6. **Latvia - CERN: state-of-play** Prof. Torims and Dr. Karlis Dreimanis give an extensive presentation, based on Latvia CERN Strategy.
7. **Lithuania - CERN: state-of-play** Lithuanian presentation consisted of the presentations of the member entities, hence giving a good overview and deeper understanding of the members' activities. Dr. Aurelijus Rinkevicius, Dr. Brigita Abakeviciene, Dr. Erika Korobeinikova, Dr. Augustinas Stepšys and Dr. Gediminas Stankunas each presented their organization. Dr. Ramunas Aleksiejunas presented the Action Plan of Lithuania towards CERN membership.
8. **Baltic ILO activities and industrial engagement** Adomas Jelinskas gives the presentation on behalf of all 3 Baltic ILOs. The presentation covers the growing visibility and small contacts with CERN, as well as the 2 events from 2022, CERN meets industry, Apr. 25-29 virtual and

Sept Baltic Industry Days at CERN. Two significant wins are presented, routers of wireless networks by Teltonika Networks and low-voltage switchgear by Harju Elekter.

9. **Report on Advanced Particle Therapy Center for the Baltic States** Dr. Toms Torims gave an overview of the activities of the CBG working group “Advanced Particle Therapy Center for the Baltic States”. Dr. Mario Kadastik asks are there any intentions to engage Finland into the same project as the capability gap also is valid for them. Dr. Torims – in the beginning CBG, but Finland is not rejected at all.


Day 2, November 22

10. BG chairman Ants Koel welcomes the participants and introduces the day 2 agenda. Chairman informs, that CBG members in the discussions before the meeting have not reached a clear understanding about IPPOG (the responsibilities of members, activities, membership of states/separate organizations/virtual bodies). The off-record discussions on the previous day revealed that the freshly joined members of CBG need more information and there is a need to reach a clear common understanding before moving forward. This is not possible within the framework of the ongoing CBG GM and has to have more time for preparations and discussions. So, the proposal is to postpone the IPPOG membership application decision to one of the next CBG General Meetings agenda. The proposal is put on voting. As a result of voting the IPPOG membership topic is postponed until further notice. The GM participants from CERN are informed about the decision.
11. **Report of Convener: CBG Study Programme Working Group.** Dr. Karlis Dreimanis, gives an overview of SPWG activities. The greatest challenges are related to expand the program on Baltic level, as well as continuing with next steps on master program level. The following discussion reveals that formal difficulties of student affiliation (and hence the quality control of the education) could be overcome but the overall biggest problem could be attracting more students willing to study physics. Dr. Dreimanis presented the first real grant, that has been won during the CBG cooperation, the Erasmus Mundus Design Measures (EMDM) awarded to RTU. The aim is to develop joint measures for the implementation of the study program between the HEI-s and the host countries, The absolute requirement is that all three countries are involved. The successful project could expect success in next application round, Erasmus Mundus Joint Masters call. A voting should be concluded confirming the continuing support of CBG for the running project and possible continuing actions. The CBG voted the following wording: **The consortium of four CBG member universities with Riga Technical University as the lead partner running the EMDM project, is part of CBG Study Programme. Other CBG members are free to join or leave the EMDM project as direct or indirect partners. CBG asks Study Group to coordinate the activities within the current project and continuation activities towards EMJM project application.** Conclusion: 10 members participated in the voting: 10 votes FOR; 0 votes AGAINST; Approved
12. **Report on 2nd CERN Baltic Group Conference – Saaremaa.** Dr. Erki Kärber gives the overview of the CBG 3rd Summer School. Prof. Fjodor Sergejev stressed the importance of the local outreach event. Recommendation to promote MSc students and “old-timers” participation.
13. **Organisational aspects of the 3rd CERN Baltic School of High-Energy Physics and Accelerator Technologies, LITHUANIA.** Prof. Brigita Abakeviciene gives the overview of the CBG 3rd Summer School preparations. Date 31-4 August or 7-11 August /to be verified, 1 or 2 week of August/ Palanga. Members to Scientific Committee proposals Dec 7th. Prof. Torims: for Sci Committee – include at least 1 CERN member from CMS, 1 from Accelerator group. 1 per CBG member. Organizational side – Erki Kärber from previous school.
14. **CMS TIER 2 development in CBG** Dr Janis Irbe gives an overview of recent advances in CERN needs and solutions for computing resources. The discussion did not reach to any conclusion.

15. **Organisational aspects of the 3rd CERN Baltic Group Conference - LATVIA**¶ Prof. Toms Torims, representative of the Riga Technical University, proposes RTU to be the host of the next CERN Baltic Group Conference. The date is to be agreed additionally. CBG GM agrees to accept the offer of RTU and asks to proceed with the preparations.
16. **Conclusions and closing remarks**¶, Dr. Laimonas Jarusevicius, representative of the Lithuanian University of Health Sciences, proposes LUHS to be the host of the next CERN Baltic Group General Meeting. The date is set to be the first week of May. CBG GM agrees to accept the offer of LUHS and asks to proceed with the preparations. ¶

Participants of the **10th CERN Baltic Group General Meeting**
Hybrid, 21-22 of November, 2022

Registered participants, Indigo:

A	Adomas Jelinskas	A	Aleksejs Klokovs	A	Andris Ratkus	A	Ants Koel	A	Augustinas Stepšys
A	Aurelijus Rinkevicius	B	Brigita Abakeviciene	E	Erika Korobeinikova	E	Erki Kärber	F	Fjodor Sergejev
G	Gediminas Stankunas	H	Helen Asuküla-Tökke		Janis Irbe	J	Jevgenijs Eugene Proskurins	K	Kairi Otto
K	Karlis Dreimanis	L	LAIMONAS JARUSEVICIUS	L	Lauri Anton	M	Marcis Auzinsh	T	Toms Torims
V	Valdis Mizers								

The Representatives of CBG Members with the voting rights

LAT	Riga Technical University	RTU	TORIMS, Toms
LAT	University of Latvia	UL	AUZINS, Marcis
LAT	Riga Stradins University	RSU	PROSKURINS, Jevgenijs
LAT	Ventspils University of Applied Sciences	VU	KLOKOVS Aleksejs
LAT	Daugavpils University	DU	MIZERS, Valdis
LIT	Kaunas University of Technology	KTU	ABAKEVICIENE, Brigita
LIT	Vytautas Magnus University	VMU	MICKEVICIUS, Saulius
LIT	Vilnius University	UV	STEPŠYS, Augustinas
LIT	Lithuanian Energy Institute	LEI	STANKUNAS, Gediminas
LIT	Lithuanian University of Health Sciences	LUHS	JARUSEVICIUS Laimonas
EST	Tallinn University of Technology	TalTech	SERGEJEV, Fjodor
EST	National Institute of Chemical Physics and Biophysics	NICPB	KADASTIK, Mario
EST	University of Tartu	UT	

Other contributors invited by Members

LAT	Riga Technical University	Karlis Dreimanis
LAT	Riga Technical University	Andris Ratkus
LAT	Riga Technical University	Janis Irbe
LAT	Daugavpils University	Valdis Mizers
LAT	Lithuanian Innovation Center	Adomas Jelinskas
LIT	Vilnius University	Augustinas Stepšys
LIT	Lithuanian University of Health Sciences	Erika Korobeinikova
EST	Tallinn University of Technology	Ants Koel
EST	Tallinn University of Technology	Lauri Anton
EST	Estonian Research Council	Helen Asuküla-Tökke
EST	Ministry of Economic Affairs and Communication	Kairi Otto
	CERN IR-DS-NMS	Emmanuel Tsemelis
	CERN, IPPOG	Steven Goldfarb
	CERN, IPPOG	Pedro Abreu