

CERN Baltic Group

Summary at the end of the CBG meeting @ CERN

(by TT 29.05.2018):

1. CBG is established and MoU signed providing framework for our cooperation.
2. We are enjoying full CERN support
3. Chairman and Dty chairman is elected for 2 years
4. Member institutions shall communicate via-email to the Chairman their Representative and alternate Representative by 12 June 2018
5. It has been agreed that Coordination Team is composed as following:
 - Mārcis Auziņš, University of Latvia
 - Kristina Ukvalbergienė, Kaunas University of Technology
 - Andrius Juodagalvis, Vilnius University
 - Mario Kadastik, National Institute of Chemical Physics and Biophysics
 - Jevgenijs Proskurins, Riga Stradins University
 - Toms Torims, Riga Technical University
 - Renno Veinthal, Tallinn University of Technology
 - Vallo Mulk, University of Tartu
 - Kalvis Kravalis, RTU/LU
6. Andrius Juodagalvis (Vilnius University) will do on-line questionnaire to do the inventory of the relevant competences and expertise we among CBG members (such as Cyber security - Data security, Laser systems, Scintillators, mechanical engineering, power electronics, material science, coatings, simulations, etc..) – by 8 June
7. The following CBG Working Groups were established and Leaders voted by Members:
 - i. Study Programme Group – Leader Prof. Mārcis Auziņš
 - ii. CMS Group – Leader Dr. Aurelijus Rinkevicius
 - iii. Industry Group – leader Dr. Mario Kadastik

- Group leaders are requested to address the Members and to obtain nominations –participants from each institution
 - Objectives shall be agreed for each of the team Relevant inventories shall be made:
 - i. Relevant study programme and competence within the group members
 - ii. CMS – people and competences
 - iii. Companies – names, competences, people
8. It has been agreed to have Study Programme Group meeting in Vilnius at beginning of July – 9th July – TBC
9. Study programme:
- There are potentially money available in Latvia for masters and PhD programme in order of 100K each
 - Objectives of the programme are following (to be completed):
 - i. To maximise EE, LV, LT return from CERN membership – for industry and for research institution/universities
 - ii. To minimise brain drain
 - iii. Opportunity for new generations
 - iv. To prepare specialists for industries in Baltic Countries – both physics and accelerator technologies
 - It was agreed:
 - i. to keep it open for international students and not to limit to Members
 - ii. to avoid fragmentation – to have broad subjects
 - iii. to include Big data and data science in curricula on top of high energy particle physics and accelerator technology
 - iv. to do risk / benefit analysis for all participants – to have situation awareness
 - Challenges:
 - i. how to get enough students interested?
 - ii. legal issues – double diplomas, etc

- iii. mobility of students
- iv. distance learning and modular system
- v. how to attract “big names” - beacons?
 - Key competences and skills to be agreed
- 10. CMS Group meeting to be held at CERN – date to be proposed
- 11. Next meeting in Tallinn under auspices of TTU – 27 Sept 2018
- 12. Minutes will be prepared by Kalvis and distributed to the participants by 5th June 2018
- 13. CBG supports Baltic School of Physics creation under auspices of CERN and CBG – details to be worked out by the i. Study Programme Group – Leader Prof. Mārcis Auziņš
- 14. Web page – proposal to include it under:
<https://www.rtu.lv/en/hep>
- 15. Web page to be used to create a platform for larger inclusion of Baltic nationals working in the field. To get opinion and advise + obtain “picture” who is in the field – Ms Gabija Zemaityte (LT) volunteered.
- 16. Common press release today