

CERN Baltic group study program meeting

9 July, 2018

Vilnius

CERN Baltic Group Study Program Work Group meeting was held on 09.07.2018. at Vilnius University.

We came here to succeed at CERN Baltic Group objectives, to create international multidisciplinary study program on particle physics and accelerator technology. In a fruitful discussion it was agreed on the following:

- Next CERN Baltic Group meeting will be held in September in Tallinn;
- Step by step approach will be utilized at study program creation. It was expressed that common PhD program is easier to create due to its more individual nature, but Master program is a challenge, because we have different programs with different specializations. Let us identify the common fields, find common interests and motivation. Wish to keep the international program open for international students, if students with different background will apply from different countries. CERN clearly indicated its support on these master and PhD study programs because we want to prepare specialists for our country needs in both - particle physics and accelerator technologies, for our universities and for our industries. Overall structure of the program was discussed. Need to add material science alongside with detector study block was identified. Discussions raised at study program orientation towards theoretical particle physics or technology - oriented program. The approach to give overview at several related fields to have a broader perspective for the students was presented and questioned. Student admission from different institutions with diverse backgrounds was also questioned due to different initial knowledge at the subject. At general positive view at the program is shared and wish to take step by step approach is expressed. Let us start with modules, let start with intermediate steps, to raise awareness, to identify which sectors are more supportive;
- To finish questionnaires and summarize the results of the meeting by adding inventory of relevant study subjects of each participant;
- To create inventory of existing supervisors at academia and industry for tutoring the Master and PhD works;
 - Prof. Auziņš will continue supervision of study program creation
 - Latvian government action to fund new joint study program creation was presented and all participants were invited to collaborate to create excellent study program;
 - CERN support is important for us, but we do not need to limit study program goals only to fit CERN needs. We must create study program that meet our needs, our industry needs, our market needs;
 - Latvia will create CERN Latvia group to operative circulated CERN related information, Lithuania and Estonia are welcome to similar initiatives to get partners in touch;
- Kaunas school of accelerators will be held in 2020;
- Agreement to create Baltic school of physics was reached;

- Decision for pilot internship program for Baltic students (1-2 students from each institution) is taken. CERN will not issue certificates for students; but will host the research of students. Involved organizations need to perform all the practical work to prepare practical side of the study at CERN. This will be a great tool to attract students to new program. It was decided to start internship pilot program for PhD and Master students at spring 2019;
- Discussion on justification of study program was enhanced - why do we need it, why students should participate, what industry wants?
- Home page of CBG.ch needs to be created;
- All 8 CERN Baltic Group members agreed to become valid partners in study program creation. Representatives from each institution will be appointed;
- After the presentation of inventory on study program related several further actions needed to be performed. Next steps are - inventory of expertise for study program, inventory of supervisors and topics for student research.

Participants of the meeting

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