

Baltic States @ CERN



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History

- Long lasting tradition to work with CERN since regaining of the independence in the 90th.
- Every country found its area of collaboration. This process was essentially uncoordinated.
- Unique situation: all there countries are member of the CMS collaboration
- On top: all countries are/want to become associate or full member of CERN

Institutional Cooperation

- Lithuania: associate member since January 2018
- Estonia and Latvia: Lol to become associate member in pre-stage to membership presented to March 2018 council meeting

Accession Procedure

Council can stop or delay the process at any session

- Letter of Intent to present to Council (CS#0)
- Invitation by Council to apply (CS#1)
- Formal application
- Council mandates a Task Force visit (CS#2)
- Task Force Visit
- Task Force Report plus factual check by the country
- Presentation of Task Force Report to Council (CS#3)

Accession Procedure

- Authorisation of the DG to start accession discussions (CS#4)
- Authorisation of the DG to sign the associate membership agreement in pre-stage to membership (CS#5)
- Internal approval process in the country
- Notification by diplomatic channels that approval process is successful finished = date of accession!

Accession Procedure

- After 5 years Council mandates new Task Force
- Task Force Visit
- Task Force Report
- Presentation of Task Force Report to Council
- Council Resolution that membership will be granted if all conditions are met
- Deposit of instrument of accession at UNESCO

Future Engagement

- Working within the CERN scientific program is open for all countries, CERN membership no prerequisite.
- To fully exploit Membership, engagement in CERN's technology program is essential.
- Involvement of Industry mandatory to have a sufficient high return yield.

User Situation Today

- Users and other categories
 - Estonia: 10 from national institutes (16 total)
 - Latvia: 3 from national institutes (5 total)
 - Lithuania: 21 from national institutes (38 total)
- Number of users sub-critical to exploit fully membership

Joint Study Program

- It is important to motivate young students for particle physics
- Therefore particle physics must be attractive.
- Plenty of expertise in the Baltic States, but scattered.
- Joint study program between the Baltic universities could be good solution.
- Possibility to work at CERN with the different programs (summer students, TECH, DOCT, fellow) is highly attractive!