Student events and efforts in Norway and at CERN

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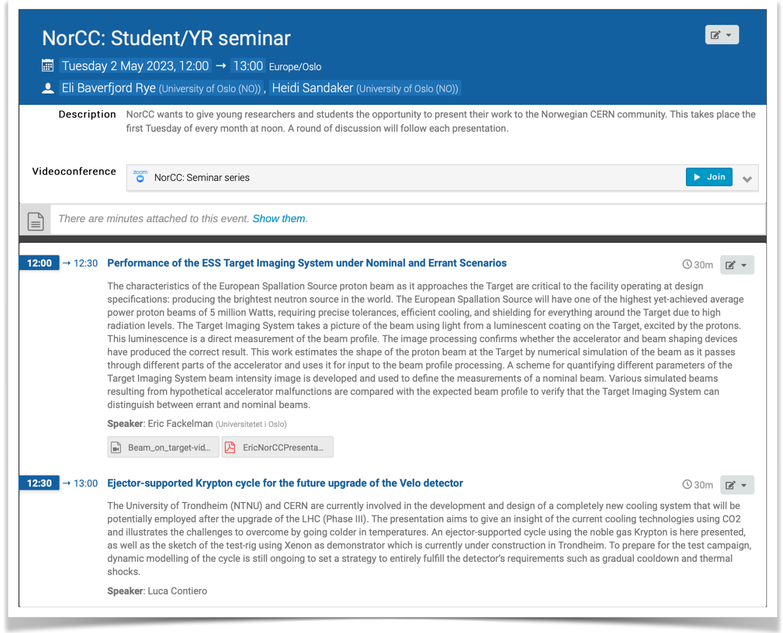
NorCC workshop 27.09.23

Student seminars

- Arranged at noon the first Tuesday of each month
  - Indico: https://indico.cern.ch/category/15568/
- Want to give students and young researchers the opportunity to present their work to the Norwegian CERN community
  - Low-key seminars — encouraged to present WIP or problems
- Sign up by contacting me on eli.baverfjord.rye@cern.ch



Common courses

- We want to facilitate that students in Norway can take courses across the NorCC institutions
  - Have already listed some relevant UiO courses on our webpage: https://norway.cern/nb/open-courses-norwegian-universities
- Currently in contact with people from the study administrations of all NorCC institutions, collecting information on rules and deadlines, and asking for help to inform their students
- Long-term, we might want to create new, common courses

Common PhD program

- Eight collaborative NTNU and CERN PhD students started in 2019, based on a CERN-NTNU MoU for co-funding of technology PhD projects
  - Project topics include laser cooling of positrons, robots for maintenance of equipment, cooling systems for accelerators and detectors, field emission and breakdowns in high-field accelerating structures, …
  - The students spend around half their time at CERN, and have both NTNU and CERN supervisors
- HVL and other institutions are very interested in building a similar program
- Currently in the process of finalizing a similar common PhD program with CERN for NorCC, covering all the NorCC institutions in Norway

Screening week

- NTNU arranges a yearly screening week at CERN as part of their School of Entrepreneurship
  - «Students from the NTNU School of Entrepreneurship spend one week at CERN identifying the commercial potential of CERN technologies, building prototypes and contacting investors. After four days of intense work they present their findings Friday morning. This event is held at IdeaSquare»
  - 2023 event will be arranged the first week of October: https://indico.cern.ch/event/1326553/
- HVL is in the process of starting up a similar concept
- Should we aim to offer this to all NorCC students?
  - A common screening-innovation-entrepreneur program was part of our 2021 research school application

Summer@CERN

- Arranged for the first time in 2022: https://indico.cern.ch/event/1104691/
  - Two weeks, with academic and entrepreneurship focus, respectively
  - Very nice social program
  - The event received good feedback from the participants (including myself)
- Next event planned for 2024
  - Tentative dates: week 26 & 27
  - NB! Conflict with biannual NFS subatomic student event

1st week Academic training
o Academic lectures on latest physics and technological developments
o Visits at experiments and accelerators at CERN
o Hands-on computing tutorial

2nd week Entrepreneur training
o Master classes (Entrepreneur, Technology transfer, Green Village)
o Hands-on technology training
o Media training

Social program:
- Dinner, visit to Geneva, 1-day excursion, CineGlobe, ...

Other

- Forskerskole / Research school
  - Applied in 2021, not granted
  - Next opportunity is probably INTPART, no new call announced yet
- «Allmøter» at CERN
  - We had an «allmøte» for Norwegians at CERN in March, discussing topics relevant for Norwegian fellows and staff, students taking part in CERNs student programs, as well as users located at CERN
  - We plan to arrange two such meetings a year, next one coming up very soon

Comments and discussion