



RECFA

Country visit to Norway - 28 April, 2023

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Introduction

- What is RECFA?
- Country visit to Norway – letter from RECFA
 - Deliverables (2 letters)
 - Highlights

RECFA - Restricted (sub-committee) of European Committee on Future Accelerators

- 1 member per CERN member state, a chairperson, CERN DG, ECR rep., some observers (e.g. Lab directors, NuPECC, APPEC)
- contribute to the long-range planning of European high-energy physics facilities
- ensure a good balance between the roles of international and national laboratories and academic institutions
- foster close relations between research and education in high-energy physics and other fields

RECFA

- **monitors** the conditions for research and the sharing of facilities...ensuring that they are conducive to successful collaboration
 - above aims achieved through regular Plenary ECFA meetings and **dedicated country visits** by Restricted ECFA
- Visited Norway 28 April, 2023 (previously in 2015)
 - An intense 1-day review of all CERN-related activities

RECFA @ UiO 28.04.2023

09:00	Norwegian Centre for CERN-Related Research - NorCC <i>Heidi Sandaker</i>
	Funding for Norwegian CERN-related research <i>Liv Furuberg</i>
10:00	The Education System in Norway <i>Prof. Ellen Henriksen</i>
	CERN Industry Contracts, Technology Transfer and Recruitment <i>Ole Petter Nordahl</i>
	Coffee Break
	Opening Remarks, Rector University of Oslo <i>Prof. Svein Stølen</i>
11:00	The Norwegian ALICE Program <i>Ionut Cristian Arsene</i>
	The Norwegian ATLAS Program <i>Bertrand Martin Dit Latour et al.</i>
12:00	NorLHC - Grid infrastructure and LHC upgrades <i>Johan Alme</i>
	Non-LHC Particle Physics Experiments <i>Antoine Camper</i>
	Non-LHC Nuclear Physics Experiments <i>Sunniva Siem</i>
13:00	Lunch Break

1:00	Experimental astroparticle physics in Norway <i>Gert Kluge</i>
	Theory <i>Eero Alekski Kurkela</i> 14:10 - 14:45
5:00	Accelerator Physics and roadmap <i>Erik Adli</i>
	Coffee Break
	R&D Detector and electronics <i>Bjarne Stugu</i>
	R&D Computing, machine learning/AI <i>Dr Eirik Gramstad</i>
5:00	Outreach Activities <i>Hilde Lynnebakken</i>
	Perspective of young scientists <i>Nikolai Fomin</i>
	Preparation of closed session
7:00	Closed Session 17:05 - 18:05
3:00	First Feedback

Outcome

- 2 letters
 - Concise letter for high-level ministers, etc
 - Longer letter with more detail, useful for our community
- Longer letter will be distributed via NorCC

Highlights

- Pleased to see strong contributions to LHC experiments
- Appreciation and support of NorCC
- Satisfied with significant detector+accelerator R&D, and grid
- Norway should step up efforts to provide staff at CERN
- Astroparticle physics sub-critical
- Theory should be better supported by universities (PD, PhD)
- Looking forward to Norwegian roadmap
- Age profile of principle investigators concerning
- Concern for relatively few hours of physics in schools, declining interest in science teacher education and BSc programs