



NORCC - SUMMER@CERN

Summer@CERN

Welcome

28.6.2022 - Heidi Sandaker



Welcome to CERN

Motivation for Summer@CERN

To meet again after 2 years of Covid !

Create network among NorCC young researchers

Connect researchers in Norway with Norwegian researchers at CERN

To visit experiments and facilities at CERN

Get to know about research and technology at CERN

Get input relevant to Master/PhD work

Get input relevant for career after end of Bachelor/Master/PhD

Learn about the research of other students

Encourage student involvement in NorCC

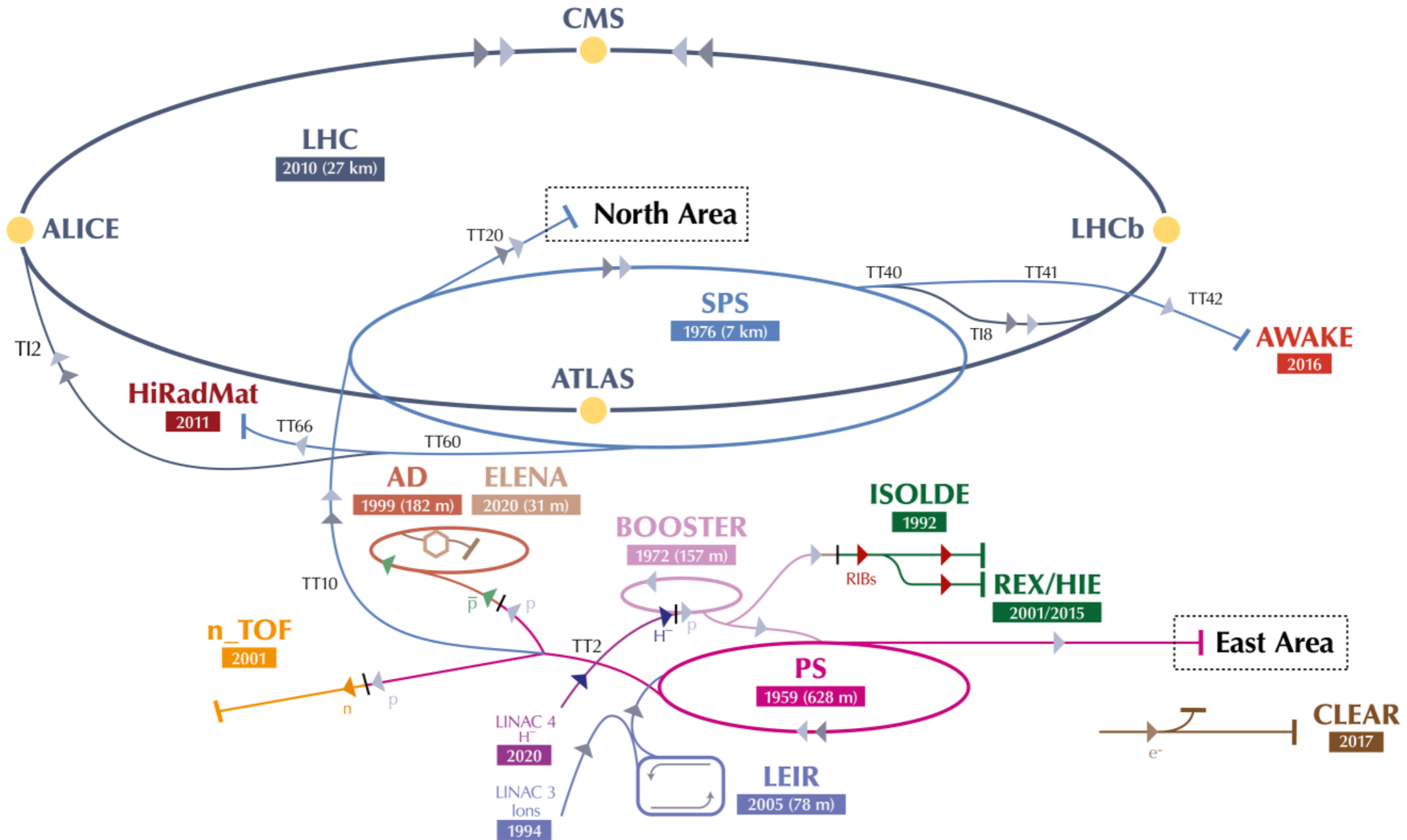
Be inspired !

Welcome to CERN



The CERN accelerator complex

Complexe des accélérateurs du CERN

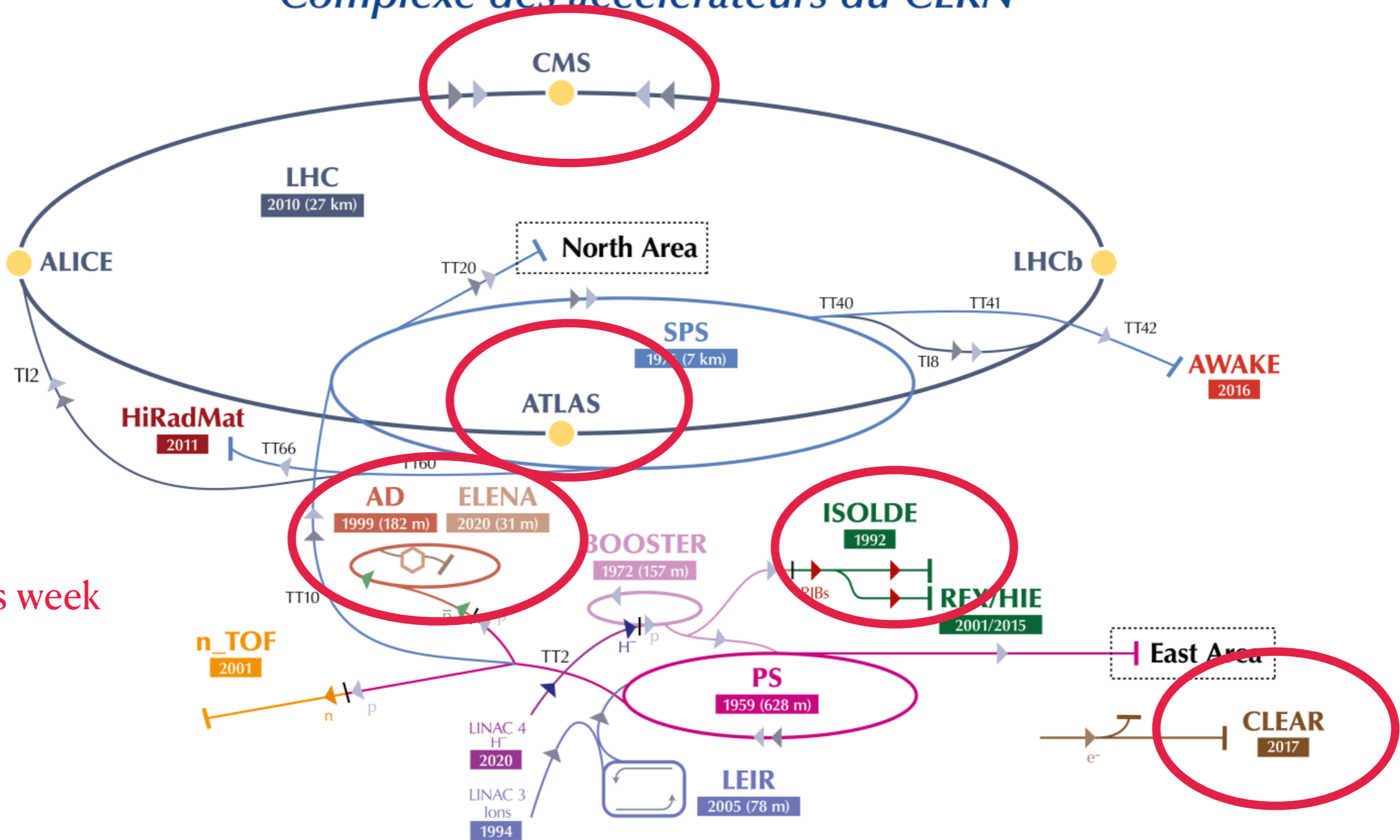


▶ H^- (hydrogen anions) ▶ p (protons) ▶ ions ▶ RIBs (Radioactive Ion Beams) ▶ n (neutrons) ▶ \bar{p} (antiprotons) ▶ e^- (electrons)

LHC - Large Hadron Collider // SPS - Super Proton Synchrotron // PS - Proton Synchrotron // AD - Antiproton Decelerator // CLEAR - CERN Linear Electron Accelerator for Research // AWAKE - Advanced WAKEfield Experiment // ISOLDE - Isotope Separator OnLine // REX/HIE - Radioactive EXperiment/High Intensity and Energy ISOLDE // LEIR - Low Energy Ion Ring // LINAC - LINear ACcelerator // n_TOF - Neutrons Time Of Flight // HiRadMat - High-Radiation to Materials

The CERN accelerator complex

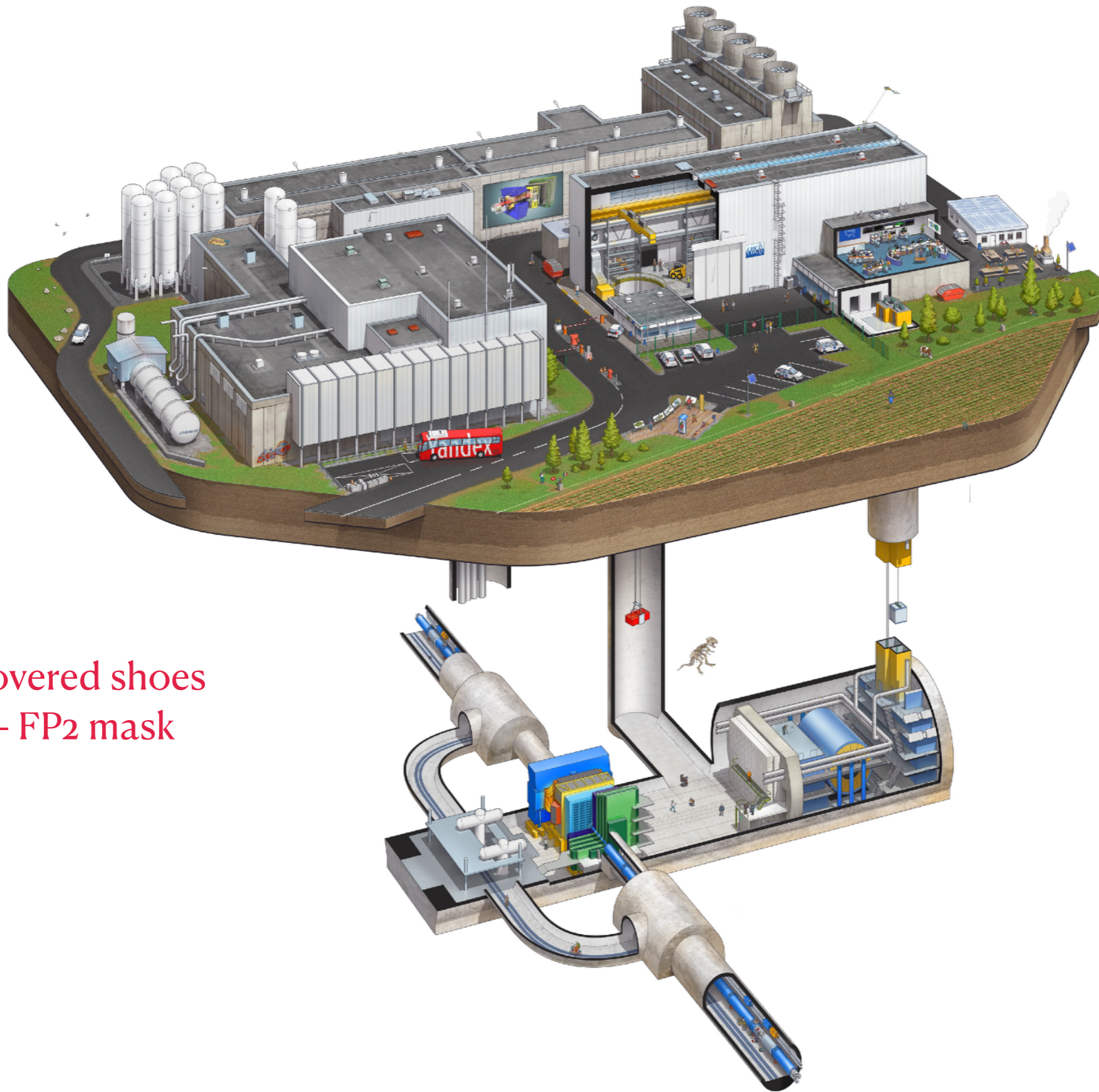
Complexe des accélérateurs du CERN



Visits this week

▶ H^- (hydrogen anions) ▶ p (protons) ▶ ions ▶ RIBs (Radioactive Ion Beams) ▶ n (neutrons) ▶ \bar{p} (antiprotons) ▶ e^- (electrons)

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Have covered shoes
CMS - FP2 mask

Agenda

- Week 1 - Academic week
- Week 2 - Innovation/Entrepreneur week
- Visits to experiments and laboratories at CERN
- Social events

Organising Committee

Nina Waage

Therese Sjursen

Thuy Do

Ida T. Storehaug

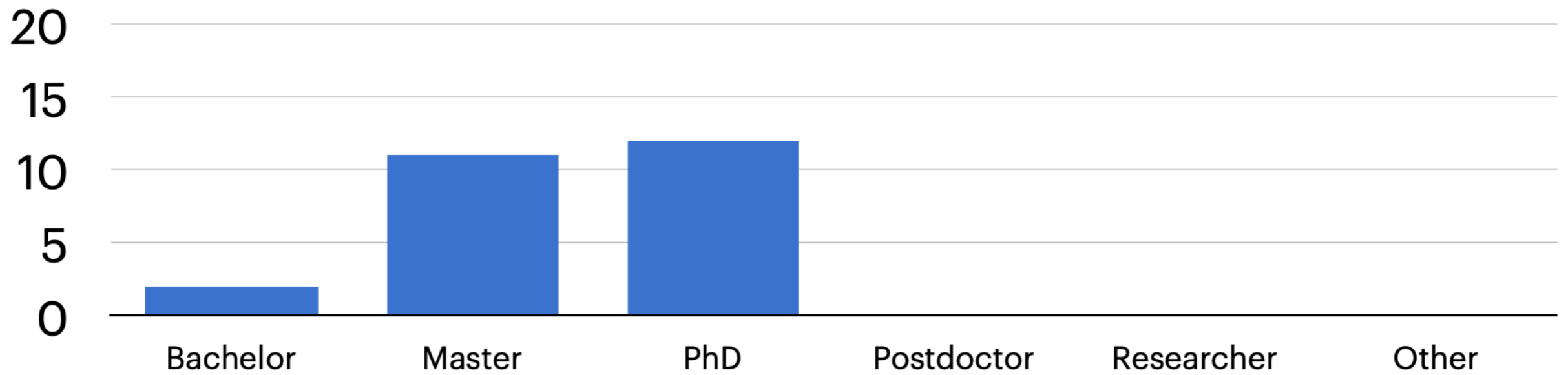
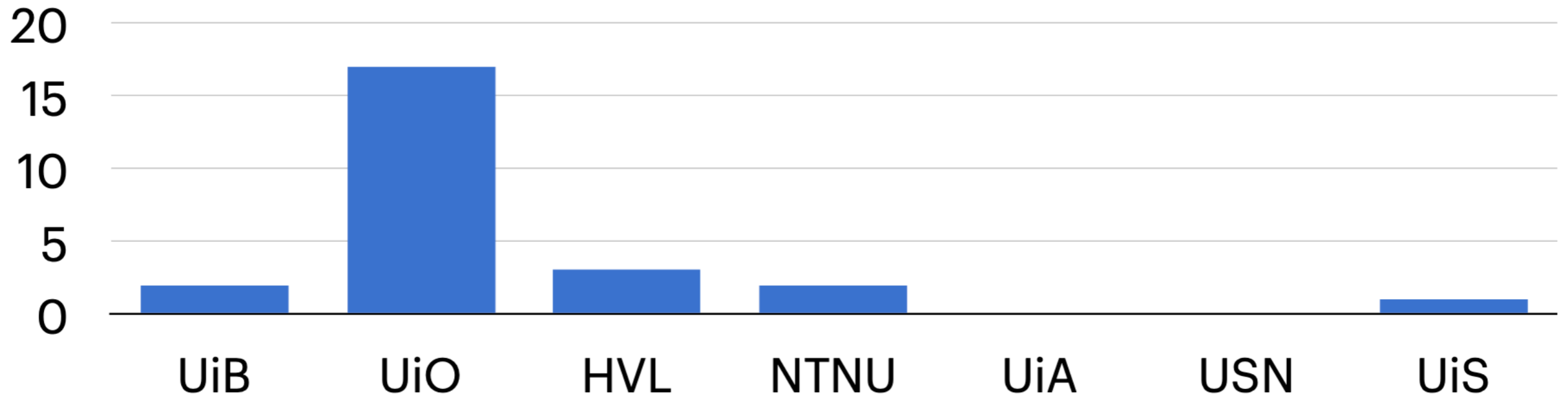
Øystein Midttun

Igor Ślazyk

[Additional helpers:](#)

Erik Adli, Anna Lipniacka, Jens Vigen, Steinar Stapnes

Participants



(Without the organisers)

Participants

Round of introductions ...

About week 2

This is a pilot week

- At Ideasquare with help from their team
- Teams of 5 - to be selected by the organisers
- Please check out the following CERN technologies this week to be inspired and as preparation for week 2:

<https://cernbox.cern.ch/index.php/s/JB0uVRha7INF6cO>