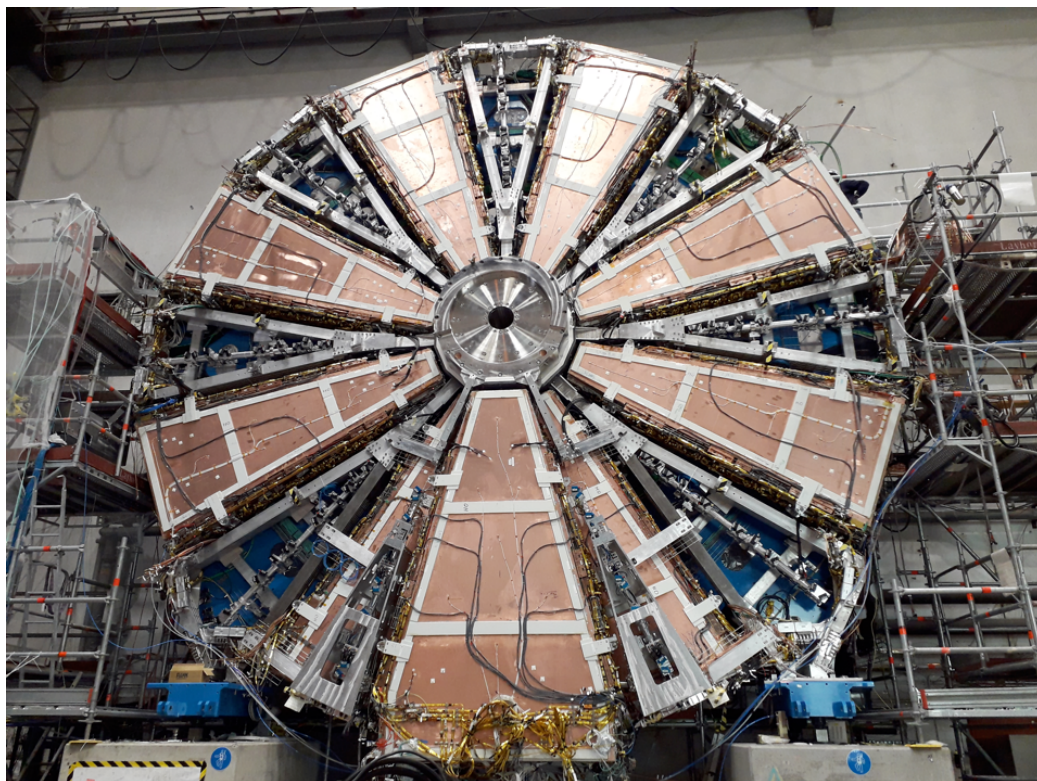


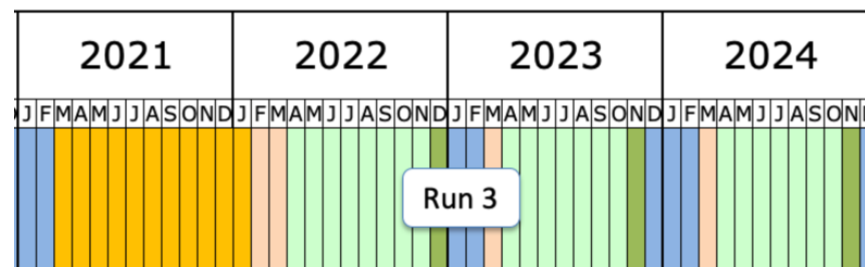
ATLAS news – detector & LHC

- Rapid progress on construction of Muon New Small Wheels
- Still (just) on track for installation of both wheels by end of LS2

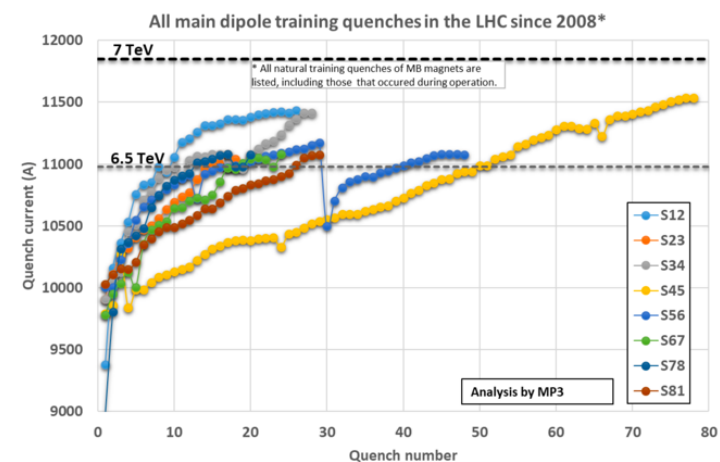


Strong contribution to 'sprint' effort by Nikhef
(Mesfin 6m@CERN, Vladimir 3m@CERN & Tristan as PL)

Current LHC schedule foresees beam commissioning early 2022, first data same year



- Run-3 is expected to double ATLAS dataset in 3y
- Increase of \sqrt{s} to 14 TeV still an option
(will have sizeable impact of NP searches)



ATLAS news – people & physics

Pamela Ferrari:

(deputy) Physics Coordinator

Oct 2021-Sep2023

[Publication Committee Chair until 02/2021]



Flavia de Almeida Dias:

Early Career Scientist Board

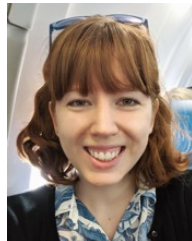
(07/2020 – 02/2022)



Clara Nellist:

Diversity & Inclusion contact

(03/2021 – 02/2023)



Frank Filthaut:

Chair of Authorship Comm

(03/2021 – 02/2022)



Steady stream of ‘full LHC Run-2 results’!

Recent ‘Nikhef’ results:

- Search for high-mass H decaying to ZZ
- Combined EFT interpretation of Higgs decay
- CP violation in $H \rightarrow WW + \text{jets}$
- Search for Lepton Flavor Violation in Z decays



(Many) more results expected soon for Moriond 2021

Gearing up for start of Run-3 Physics:

- ENW-XL ‘Higgs’ officially started March 1st
3 positions filled, seven more to follow

Significant new ATLAS Open Data Policy endorsed by CB

- ATLAS will make AOD-level data + simulation + software available for general use (in addition to current ‘outreach data’)
- Initially 20% of data sample
Increasing to all available data by end of collaboration lifetime
- CERN will host infrastructure (Many PB of data!)
- At Nikhef now implementing first Bachelor projects using open data, more use cases will follow