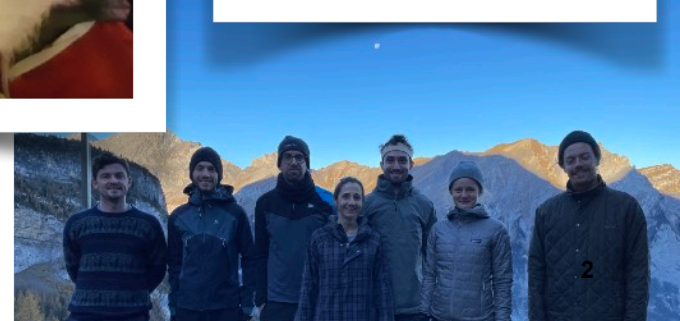
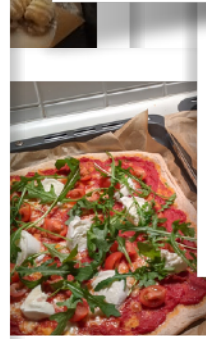
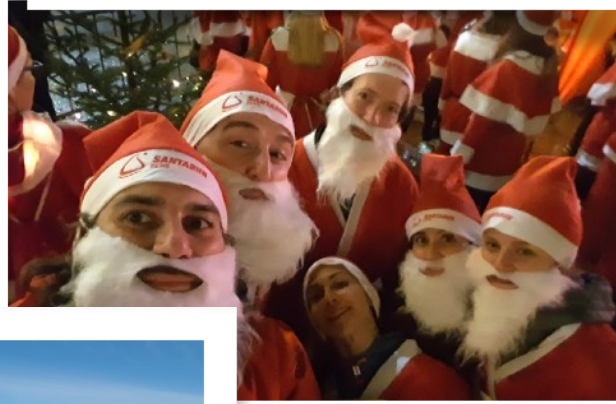
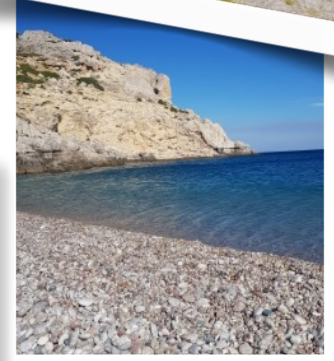
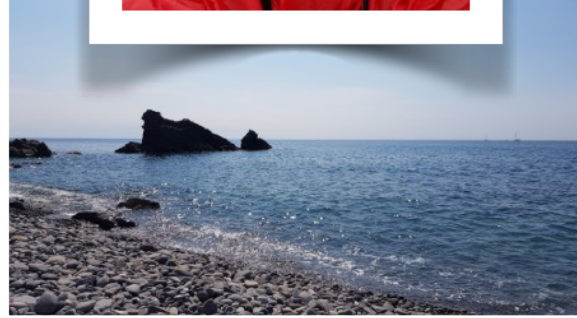
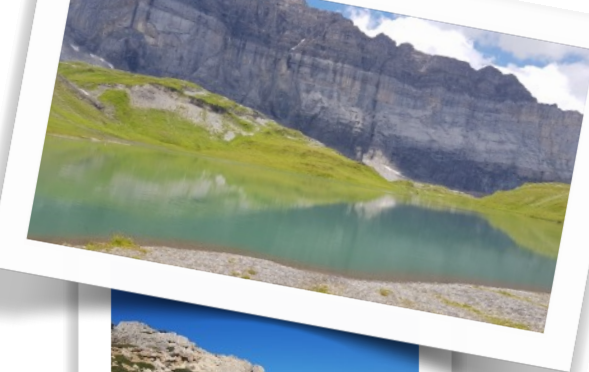


About me

Laura Franconi
FH Fellow Meeting
28 April 2023



About Me

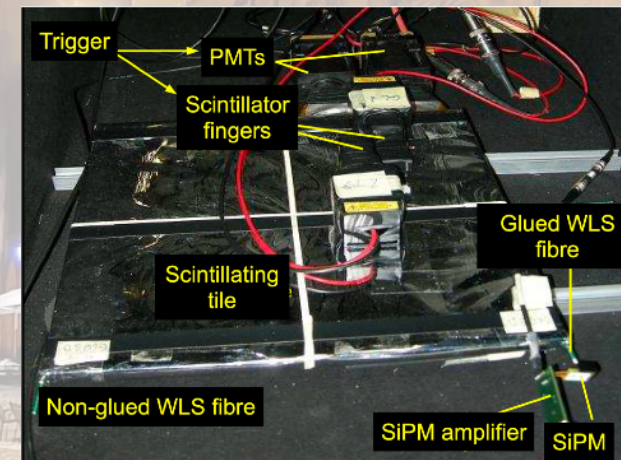


My journey



Bologna Bachelor's and Master's studies

Bachelor's thesis (in Bologna)
Scintillating tiles coupled to SiPM



Master's thesis
(at CERN)
*GEM detectors for
the CMS upgrade*
(it was 2011...)

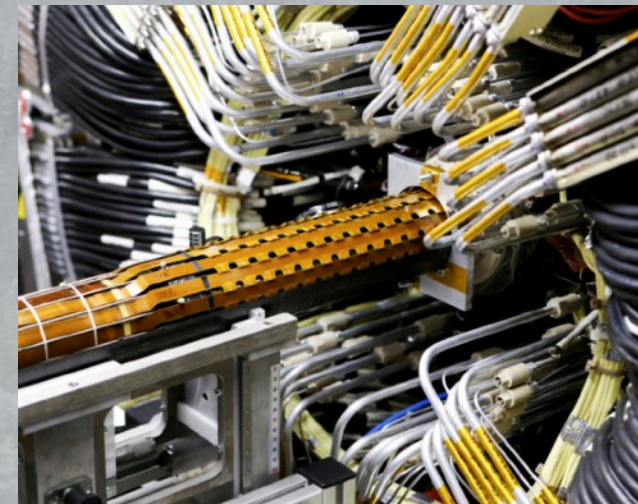
My journey



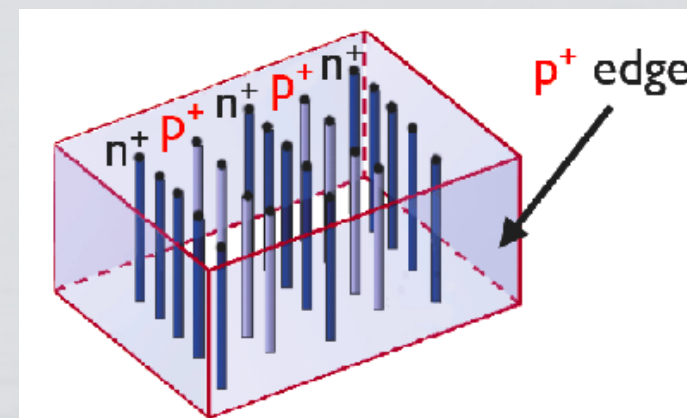
Oslo and Geneva

Ph.D. and Marie Curie Early-Career Researcher fellow

Work for the ATLAS experiment on the IBL detector (offline software)



and characterisation of 3D silicon sensors



My journey



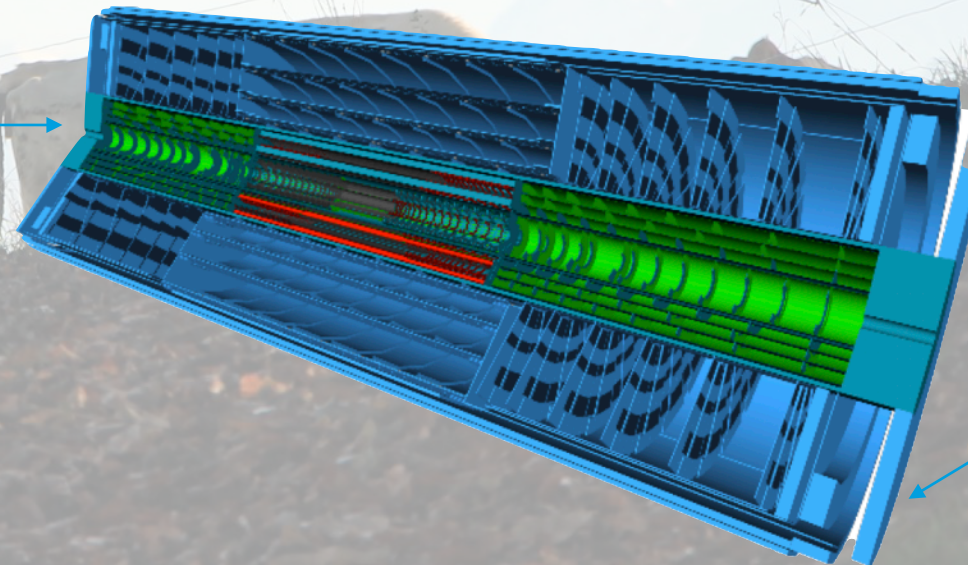
Bern

Postdoctoral researcher

Upgrade of the tracking system of ATLAS experiment for the High-Lumi LHC phase

Work on the ITk *Pixel* data transmission

Pixel



Strips



My journey

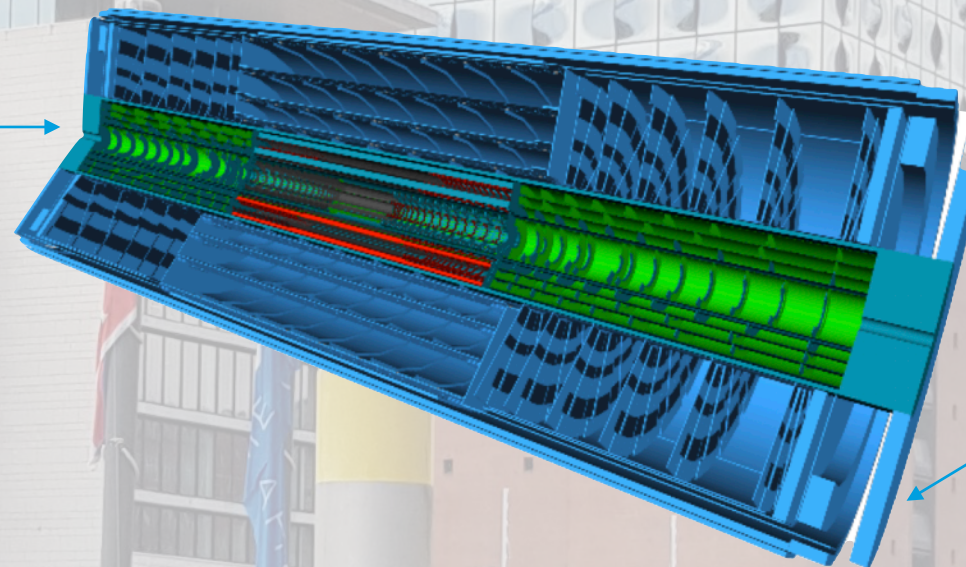


Hamburg Fellow

Upgrade of the tracking system of ATLAS
experiment for the High-Lumi LHC phase

Work on the ITk *Strip* Endcap

Pixel



Strips

Integrating the new silicon strip detector for ATLAS

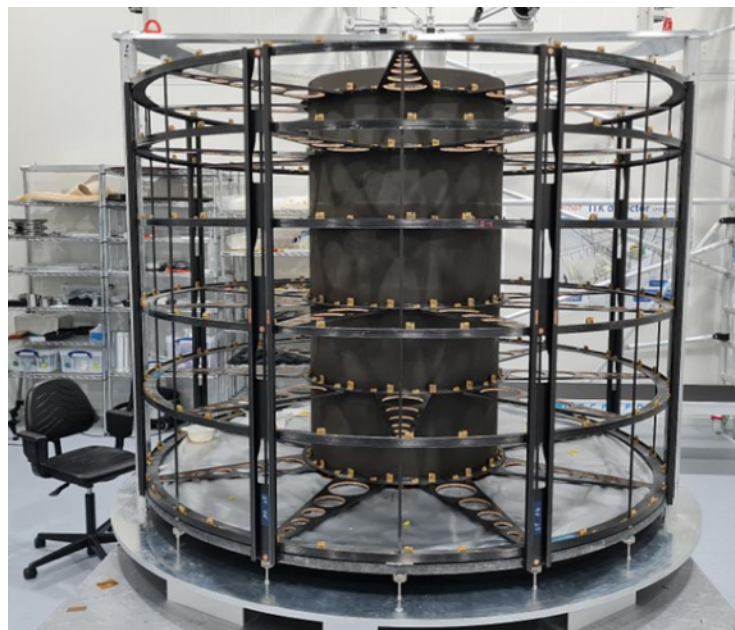
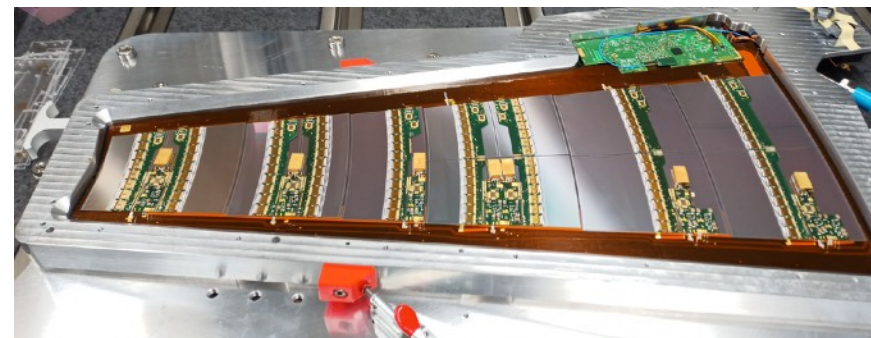
Activities and challenges



Test the ITk Strip Endcap components

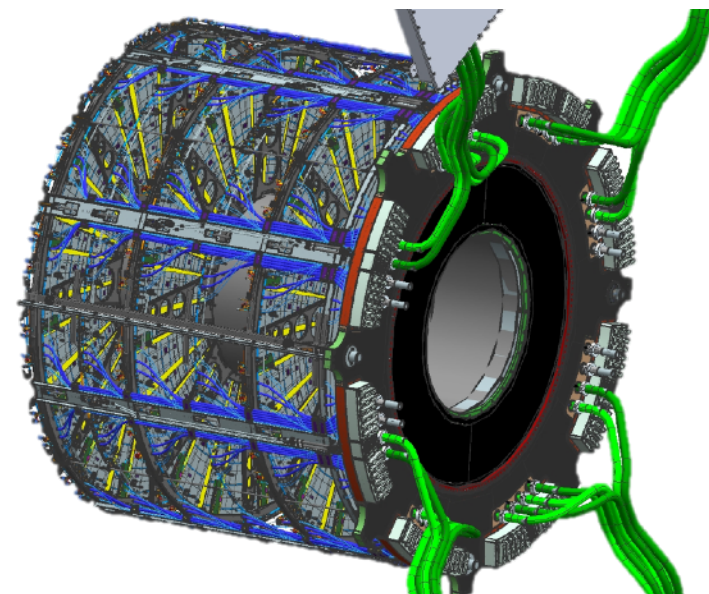
+

Load the modules on the support structure (petal)



Integrate the petals in the Endcap structure

=



Ready for installation in the ATLAS experiment

My Favourite Plot

