



# Designing, Building and Testing a Multi Wire Proportional Chamber

By Leon Verreijt, Cas van Rossum, Victor Souljé, Sela Hoeijmans and Tijmen de Graaf





# Team members

Tijmen de Graaf



Leon Verreijt



Cas van Rossum



Victor Souljé



Sela Hoeijmans



# Mentors

Tim Bouchée

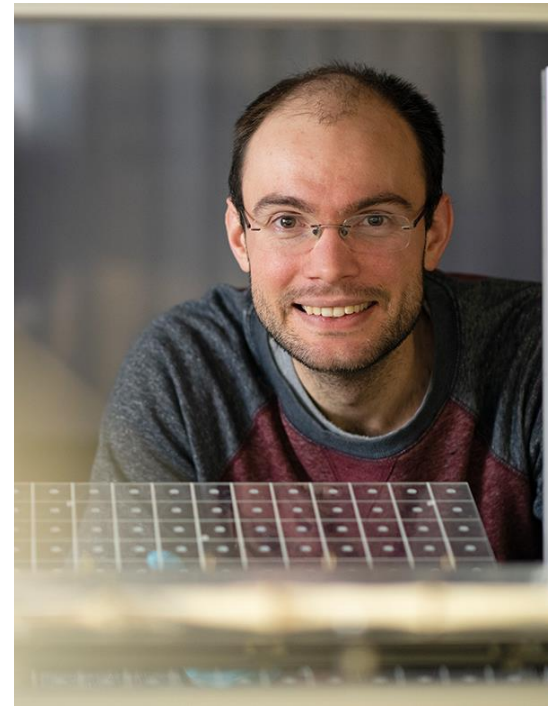


Hans van Luijtelaar

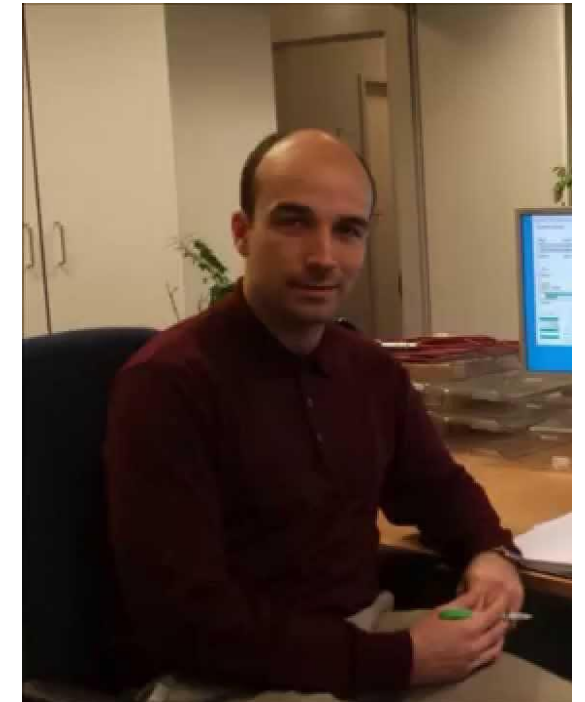


# The G.O.A.T.s

 Antoine Laudrain 



 Oliver Schäfer 







# Our school

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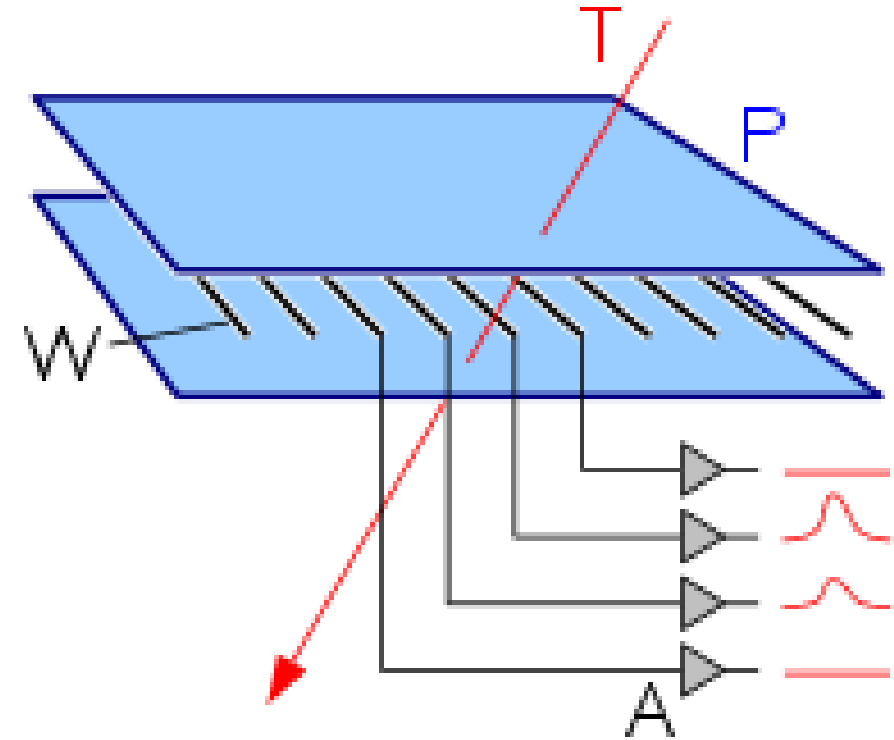
**AUGUSTINIANUM**

Talent voelt zich thuis!



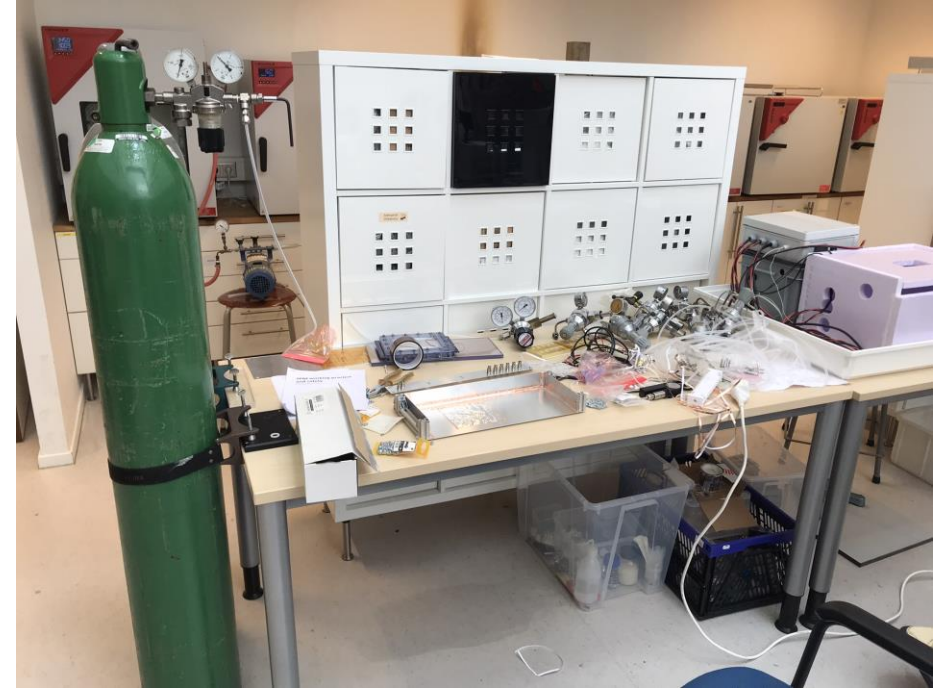
# Goal

- Designing, building and testing a homemade particle detector.

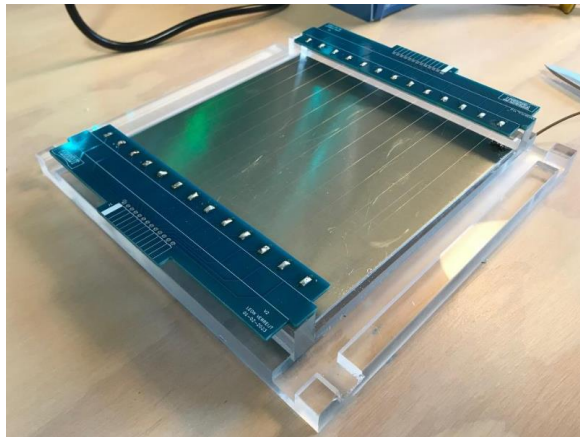


# Preparation

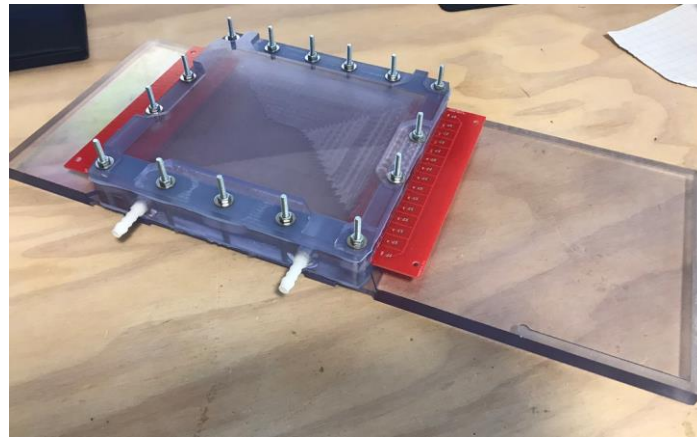
- Construction of various prototypes
- First signals in operational mode



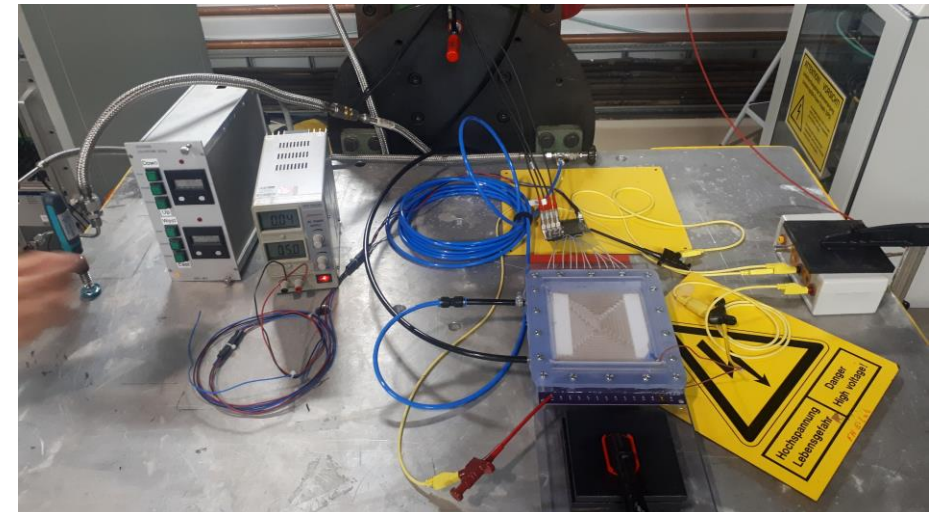
Setup at TUe



Building the second version  
20/09/2023



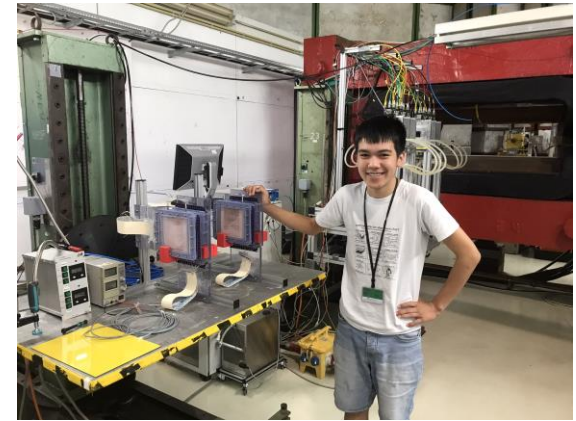
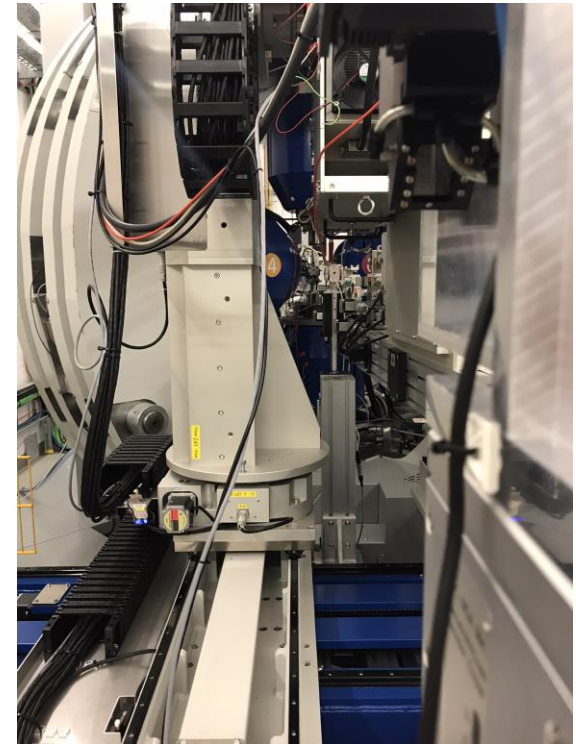
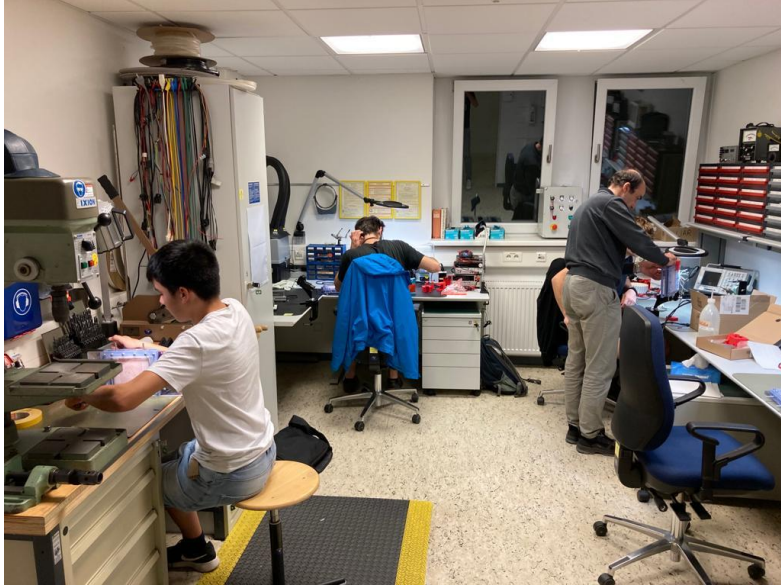
Fourth version  
The Wire Wizards



Sixth version in operational mode



# What we did at DESY





# Future plans

- First beam
- Optimise the code
- Finalise results







Questions?