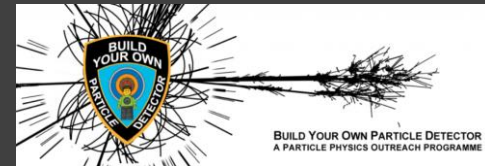


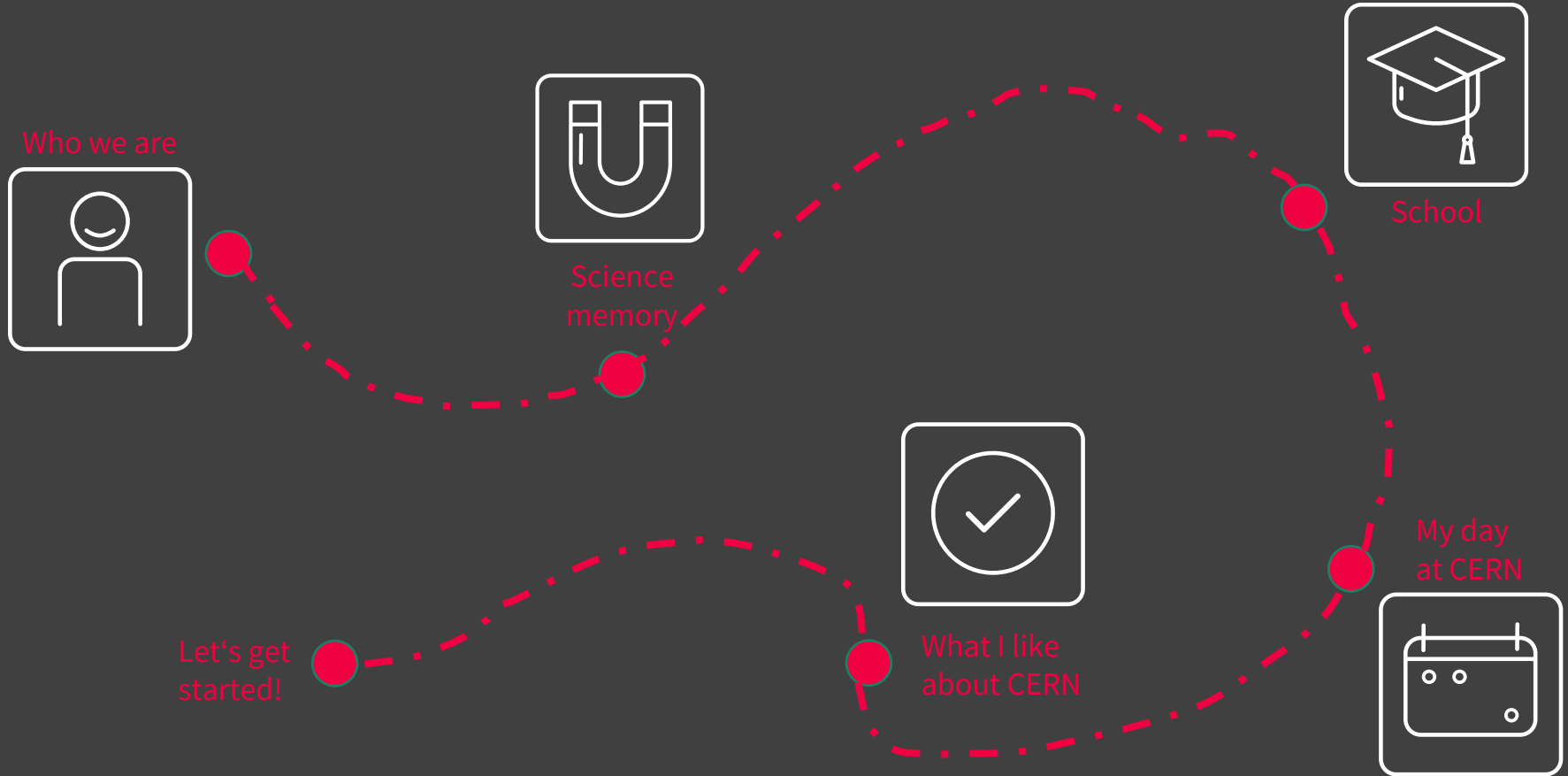
## Lab workshop **LEGO detectors**

Learn more about the  
different components of  
particle detectors.



Idea, models and Images by Nathan Readioff & Sascha Mehlhase  
More information & files: <https://build-your-own-particle-detector.org>

# We are your guides for this workshop



# Science Gateway



IdeaSquare

Globe

Auditorium

Reception  
Shop  
Restaurant  
Labs

Exhibitions

©RPBW

# Labs



# At CERN, scientists love collisions

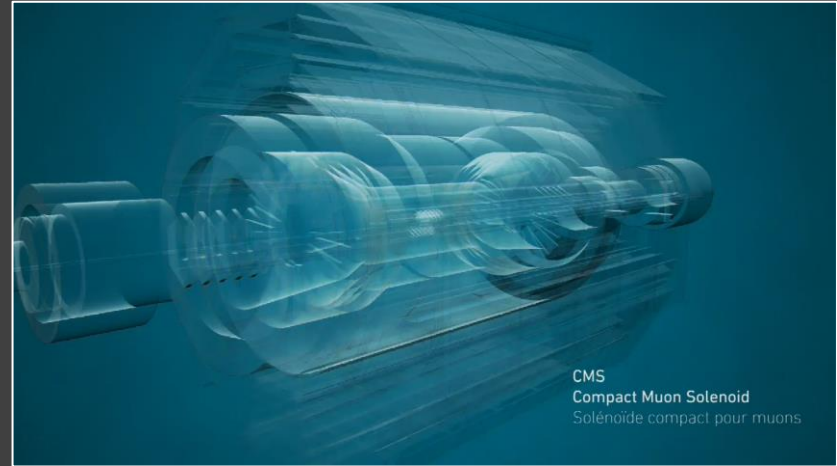
1

Table tennis club  
studying elastic  
collisions



3

That's what we need:  $E=mc^2$  collision!

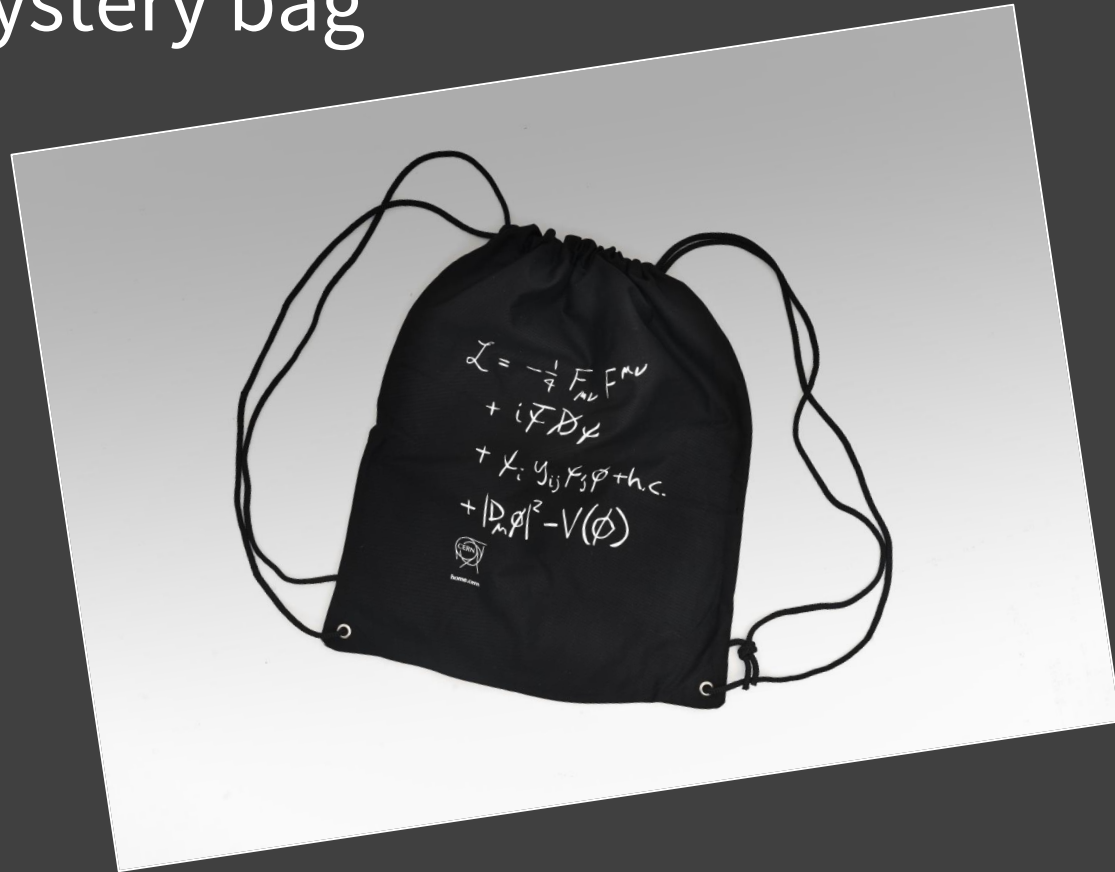


2

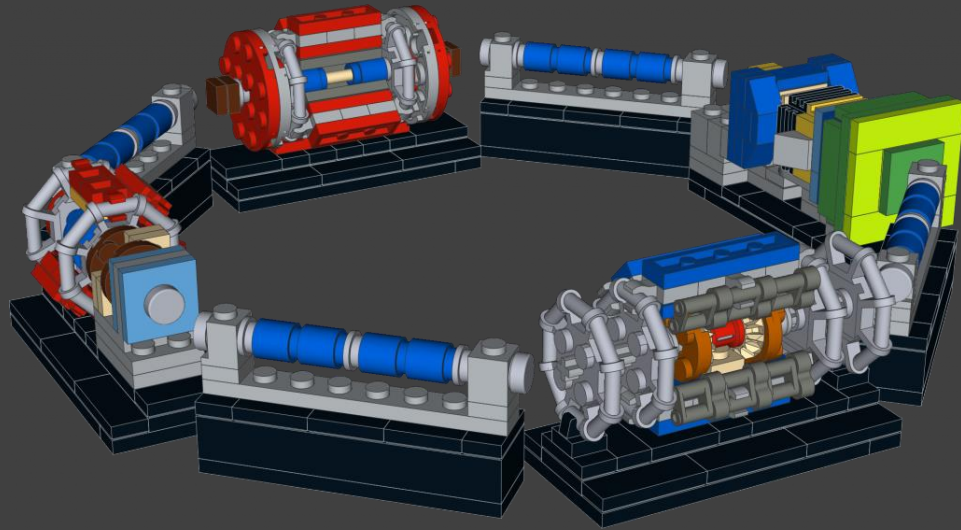
CERN firebrigade  
practising with  
inelastic collision

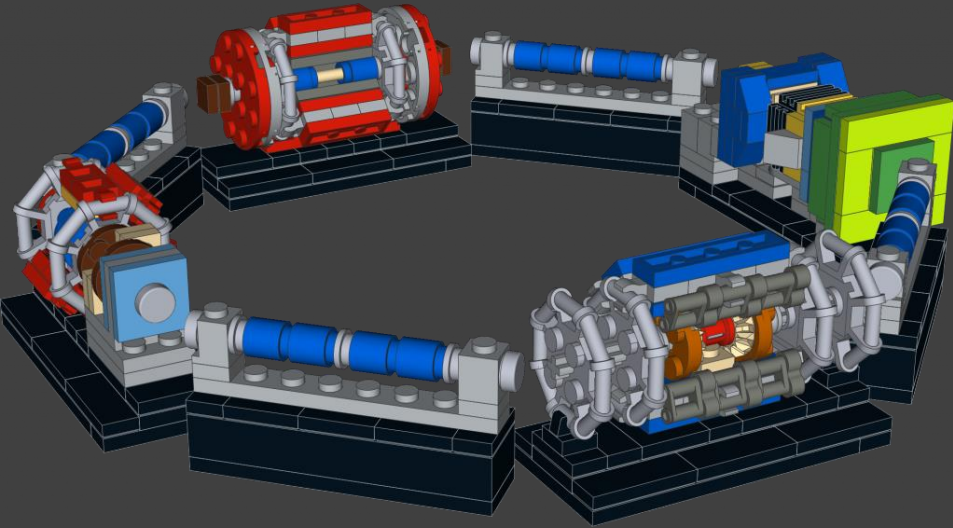
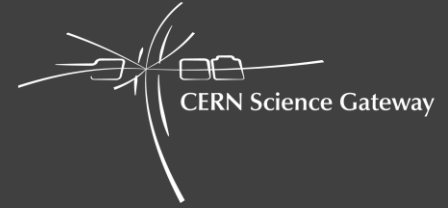


# The mystery bag



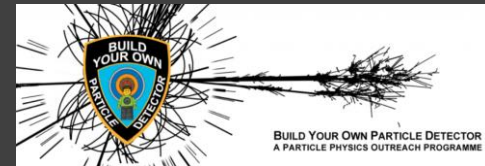
# Build your own detector





## Lab workshop **LEGO detectors**

Thanks for exploring with us!



Idea, models and Images by Nathan Readioff & Sascha Mehlhase  
More information & files: <https://build-your-own-particle-detector.org>



# Quiz