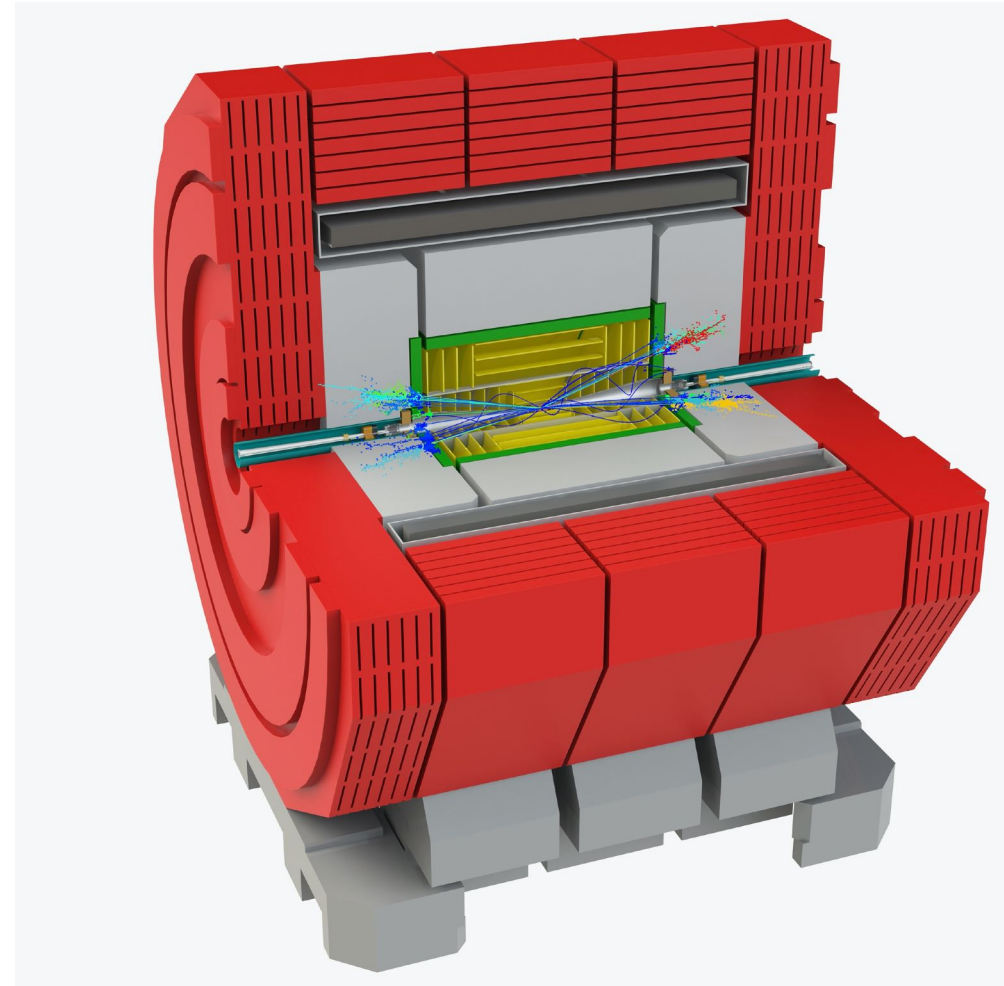


Ulrike Schnoor

CERN/LCD goodbye event  
January 18<sup>th</sup> 2021





CLICdp collaboration meeting, August 2017



Birthday cake in 1/1-025, November 2017



Birthday cake in 1/1-025, November 2017



CLICdp review April 2018



CERN relay race 2018



Blue Max CLJC

Reithaus Sport  
Cycling, Climbing, Canoeing, SUP, Kayaking, Running, Football, Hiking

CLJC

JeanLain  
OCCASIONS  
**217**  
CERN Running Club

ENELUY\*\*

Audi JeanLain  
**11**  
CERN Running Club

ENELUY\*\*

Audi JeanLain  
**11**  
CERN Running Club

ENELUY\*\*

Audi JeanLain  
**11**  
CERN Running Club

CLJC

JeanLain  
OCCASIONS  
**227**  
CERN Running Club

CLJC

JeanLain  
OCCASIONS  
**231**  
CERN Running Club

CERN relay race 2018



CERN relay race 2018



Seoul, Changgyeongung Palast, July 2018





Paju, Ulrike am Dritten Tunnel, July 2018



Goodbye event Estel, October 2018



CERN relay race 2019



CERN relay race 2019





CERN relay race 2019



CERN relay race 2019



Goodbye Rickard, June 2019





Goodbye Rickard, June 2019



Fieschertal, July 2019



Fieschertal, July 2019



July 2019



## Physics at Linear Colliders La Physique aux Collisionneurs Linéaires

### Electron vs Proton Electron et Proton

There are two main types of particle colliders: linear colliders and hadron colliders. In the linear colliders, the particles are different (like electrons and protons) and they collide at very high energies. In the hadron colliders, the particles are the same (like protons and protons) and they collide at very high energies. The CLIC collides electrons and their antimatter, called positrons.

Il existe deux catégories de collisionneurs de particules: les collisionneurs de leptons et ceux de hadrons. Les particules s'entrechoquent à des énergies élevées.

### The Higgs Boson Le Boson de Higgs

The LHC can only partially answer questions about the true nature of the Higgs boson, such as whether it is fundamental or composite, its coupling strength, and so on. CLIC can answer these questions in more depth by measuring the Higgs couplings to other particles to a precision not achieved before.

Le LHC ne peut répondre que partiellement aux questions sur la vraie nature du boson de Higgs, telles que son caractère fondamental ou composite, sa constante de couplage, et ainsi de suite. CLIC peut répondre à ces questions plus profondément en mesurant les constantes de couplage du Higgs aux autres particules avec une précision inédite.

### Particle Identification Identification des Particules

Types of Particles / Types de Particules



### Particle Decay / Désintégration des Particules



### Detection / Détection





HGCal sensor lab, October 2019



May 2020



Goodbye Matthias and Emilia  
June 2020





Goodbye Matthias and Emilia  
June 2020



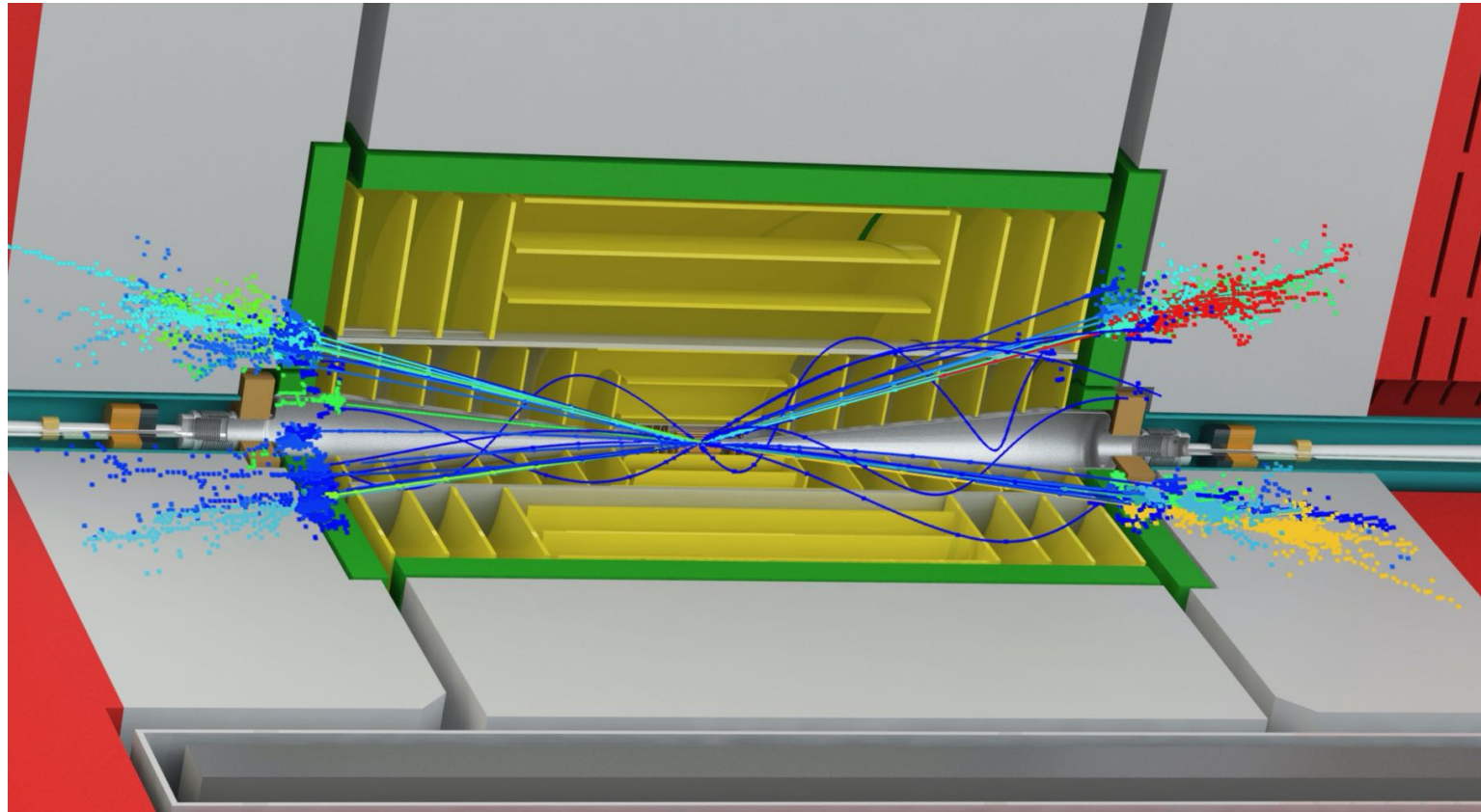
November 2020



November 2020



HGCal sensors, December 2020



Thank you so much, Ulrike  
We wish you a bright future in Hamburg !