



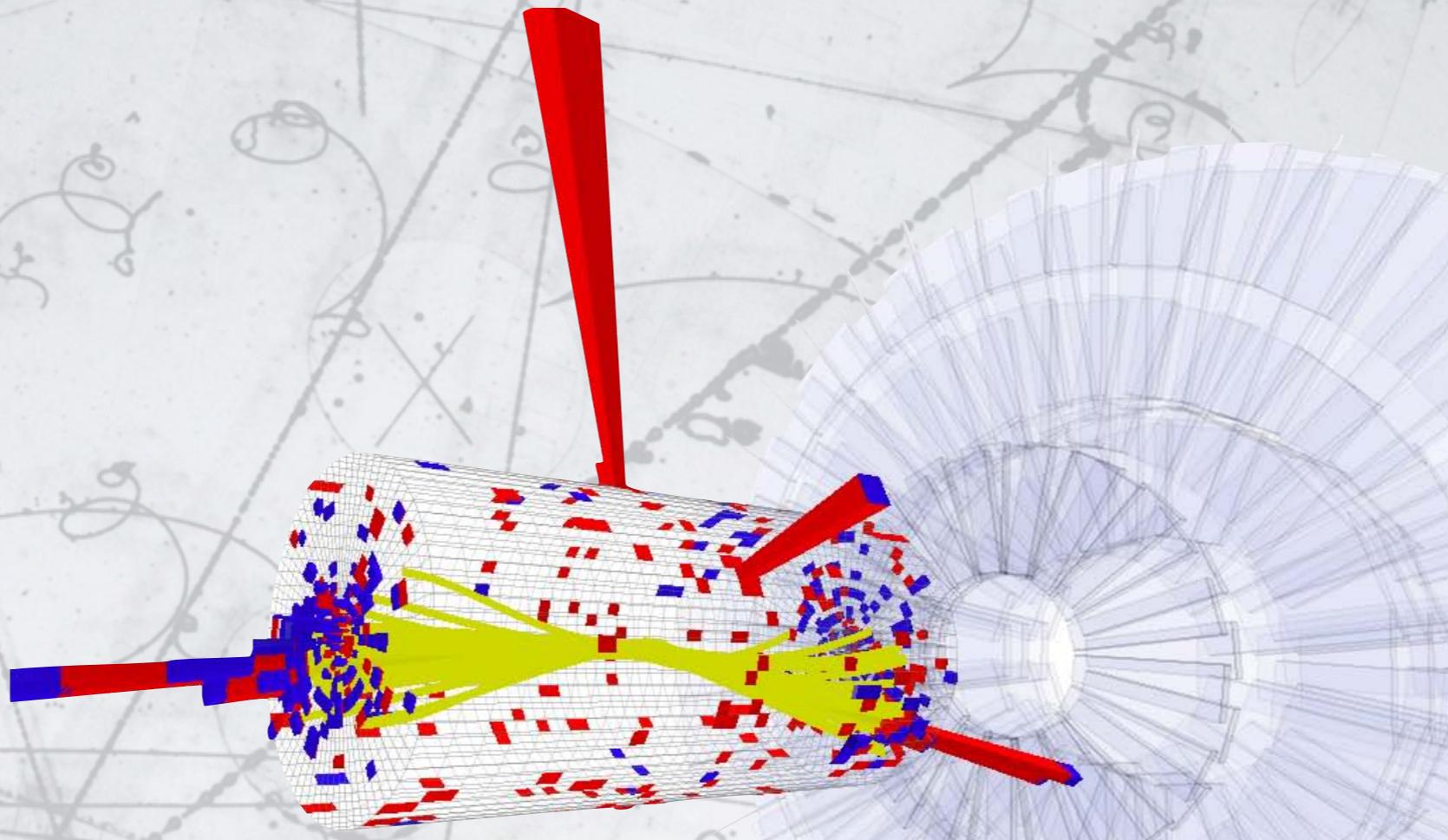
INTERNATIONAL
MASTERCLASSES

hands on particle physics



Giovanni Organini

Dip. di Fisica “Sapienza”, Università di Roma & INFN-Sez. di Roma



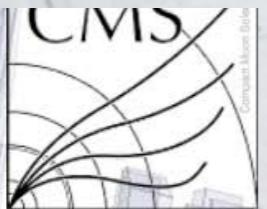
CMS Experiment at LHC CERN
Data recorded Mon Sep 26 2018 07:20:11 CEST
Run/Event: 177201 625786854

COME SI PRODUCONO LE PARTICELLE

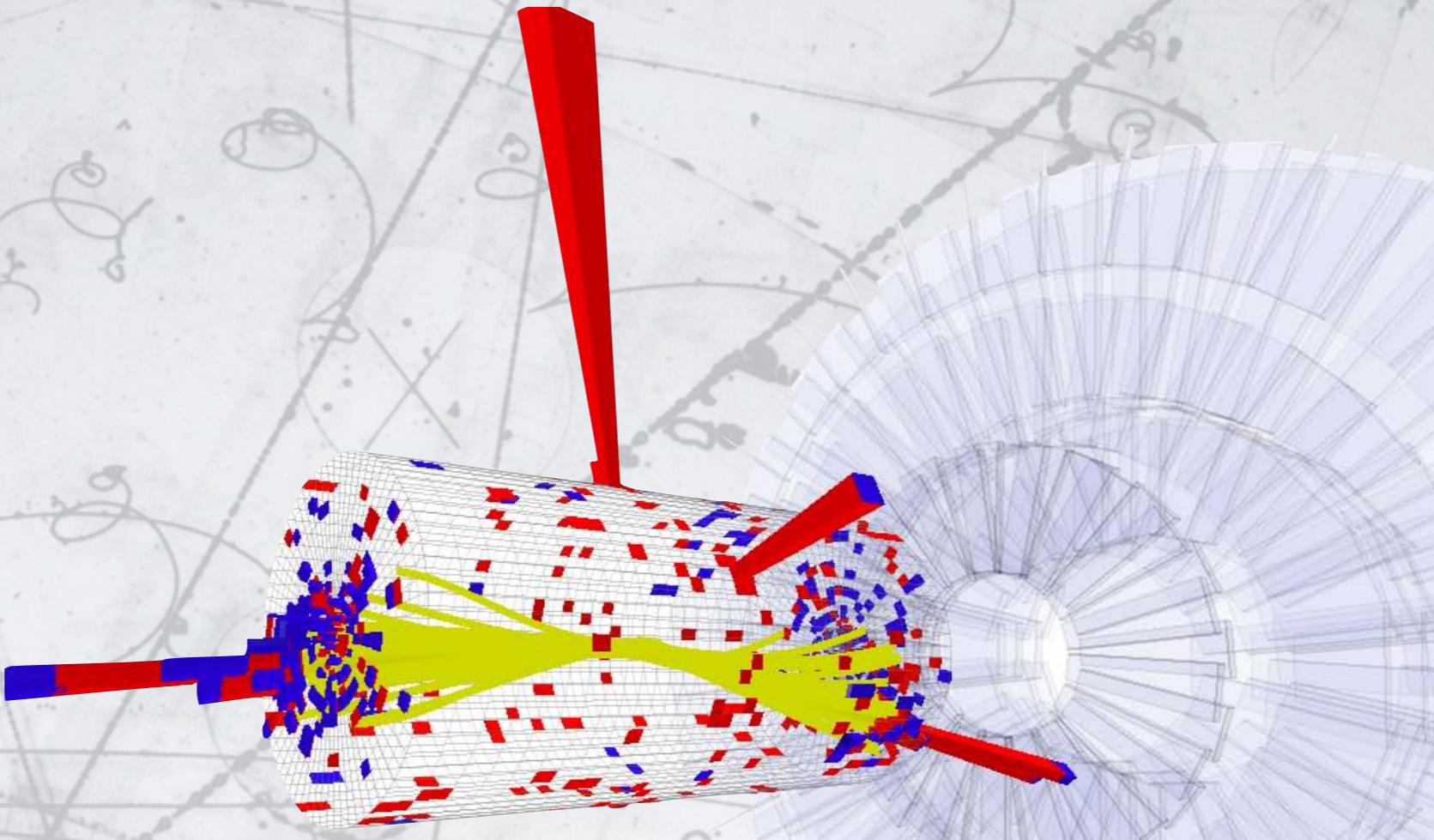
E = mc²







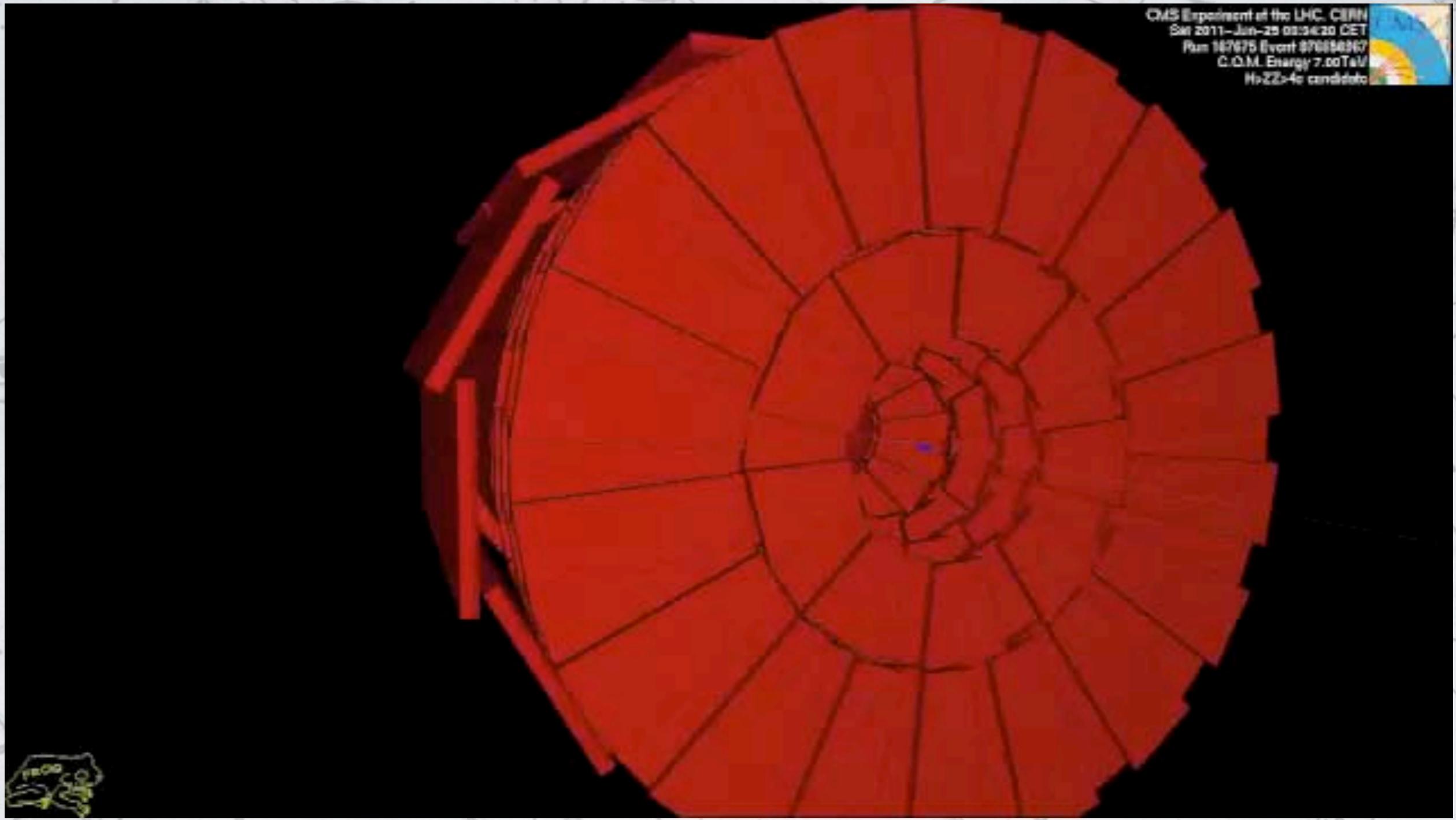
CMS Experiment at LHC CERN
Data recorded Mon Sep 26 2011 18:07:20 2011 C-S1
Run/Event: 177201 625786854



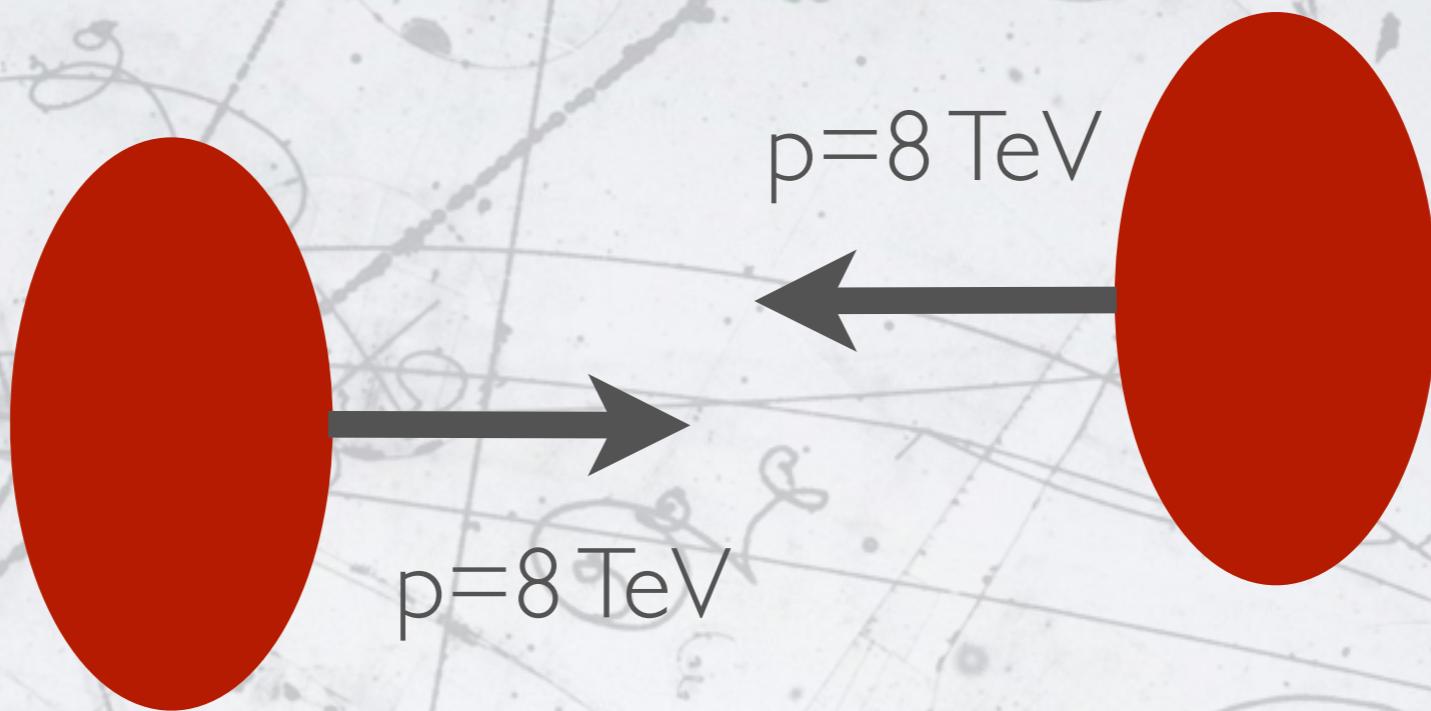
OSSERVARE LE PARTICELLE



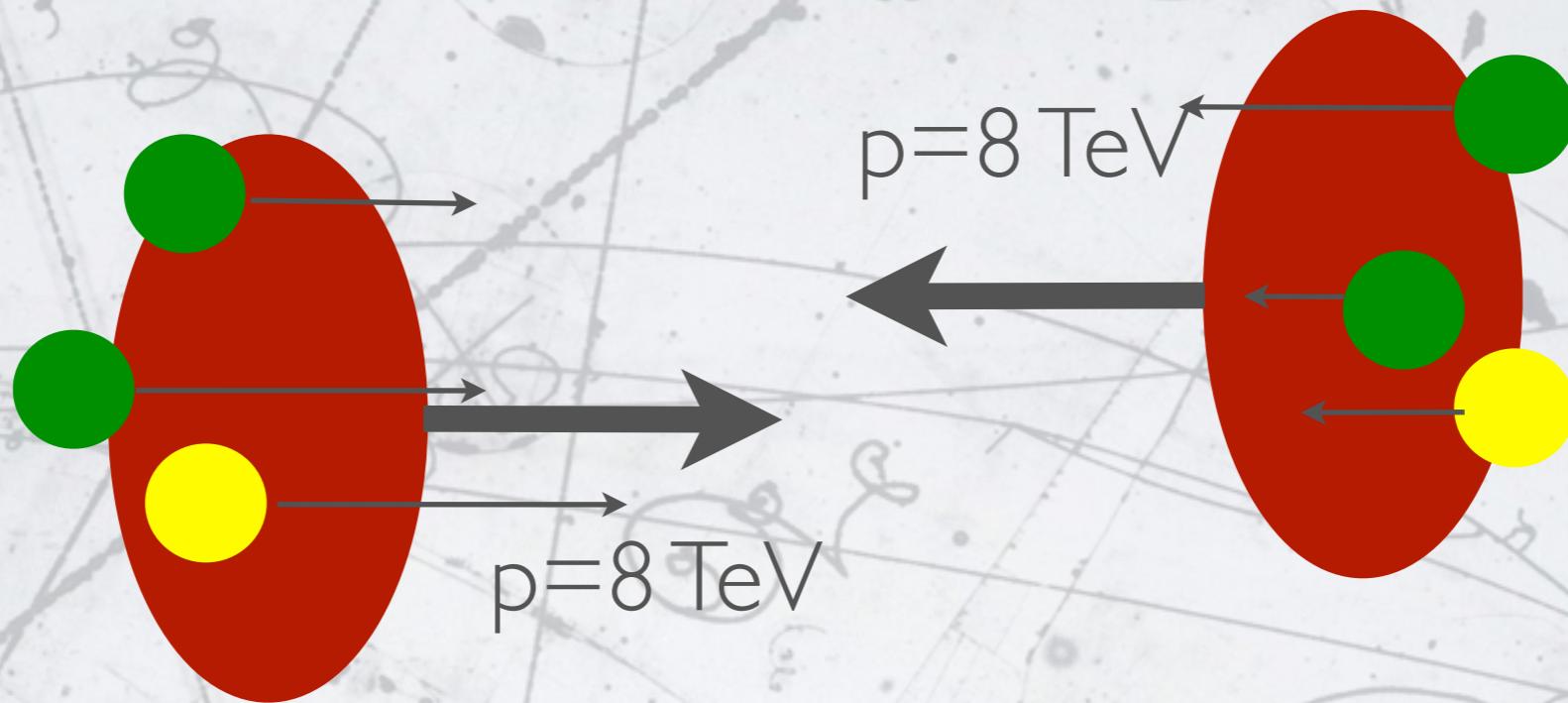
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CINEMATICA

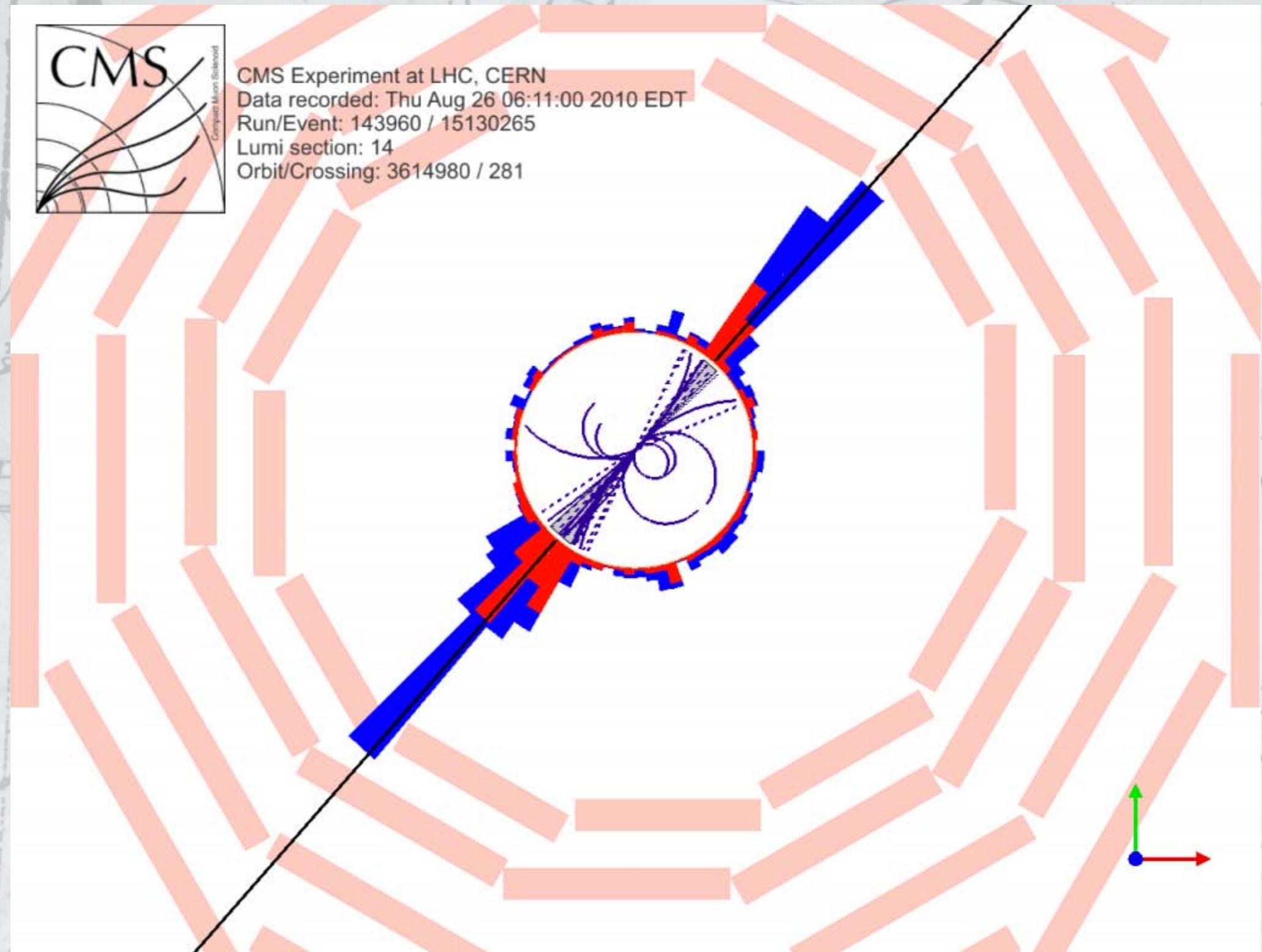


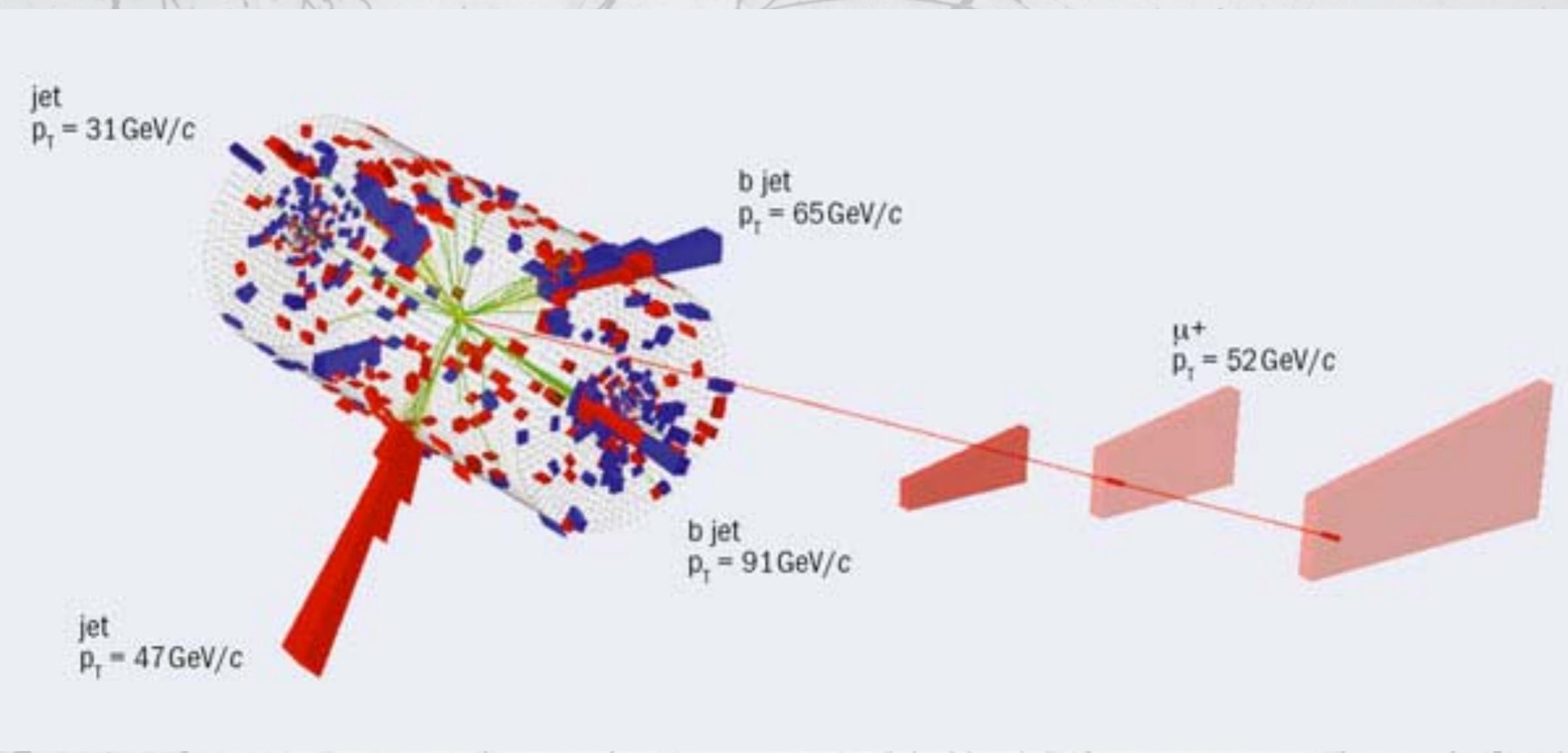
CINEMATICA



CINEMATICA







SULLE TRACCE DELLE PARTICELLE

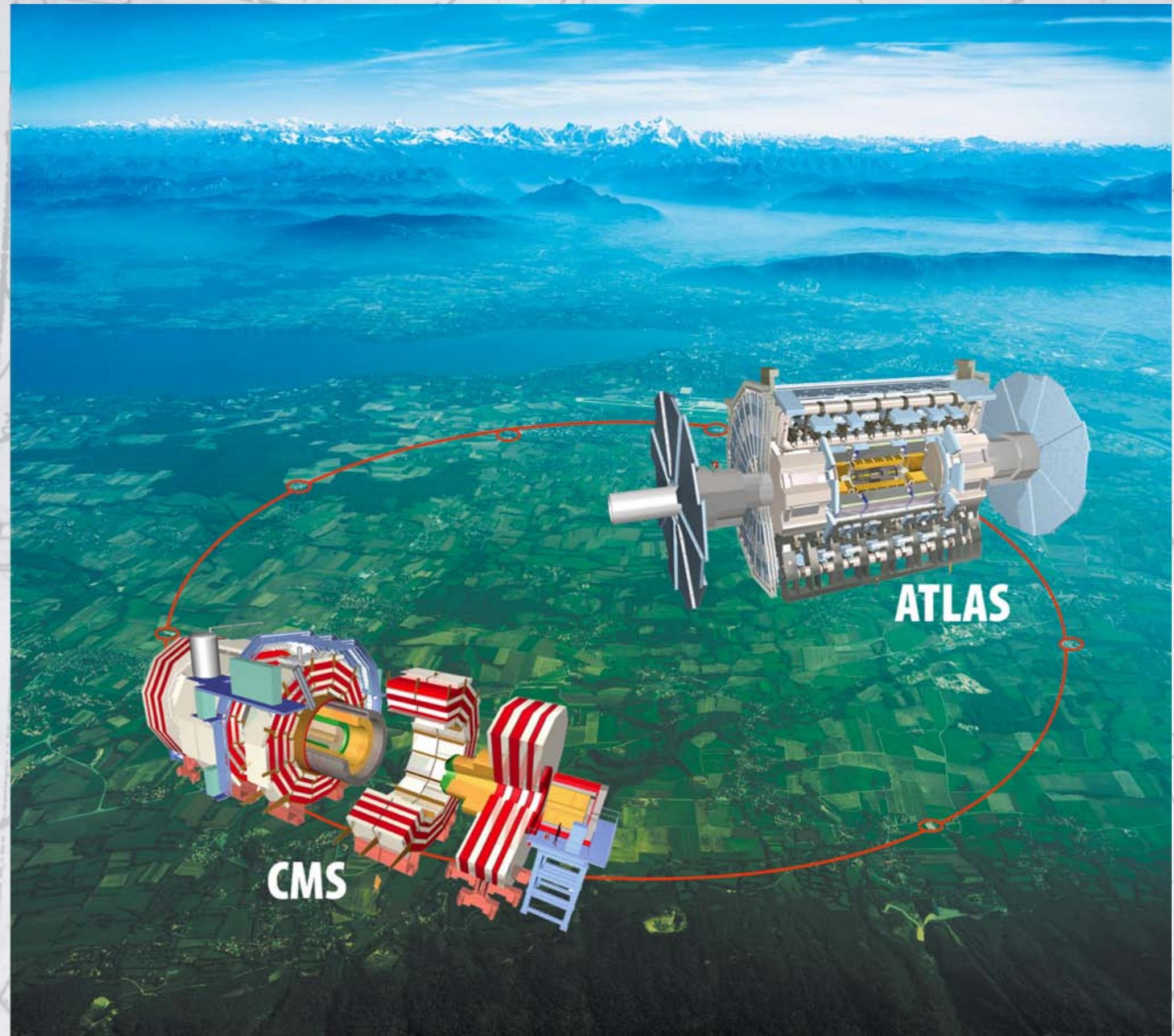
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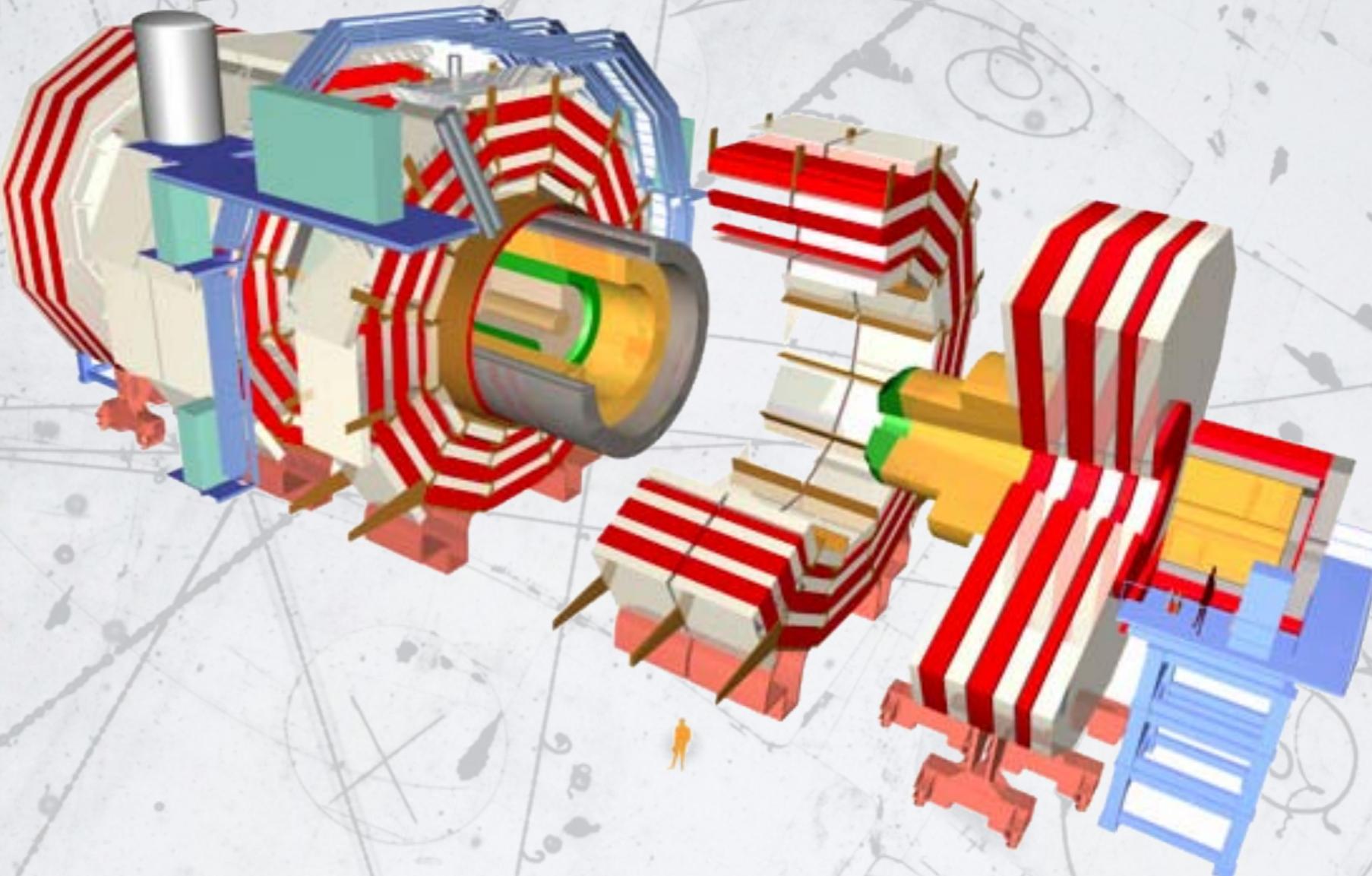
SULLE TRACCE DELLE PARTICELLE

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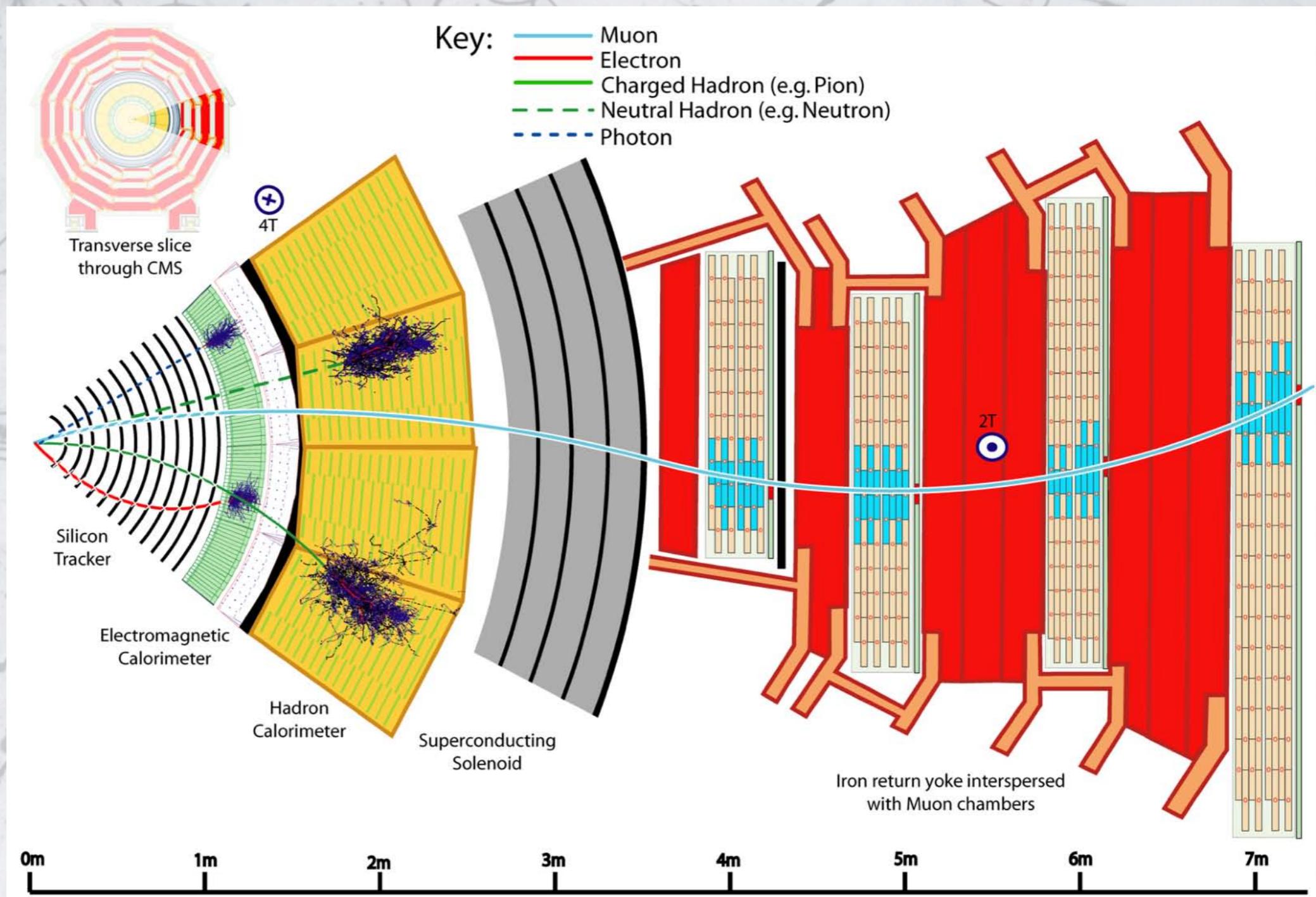




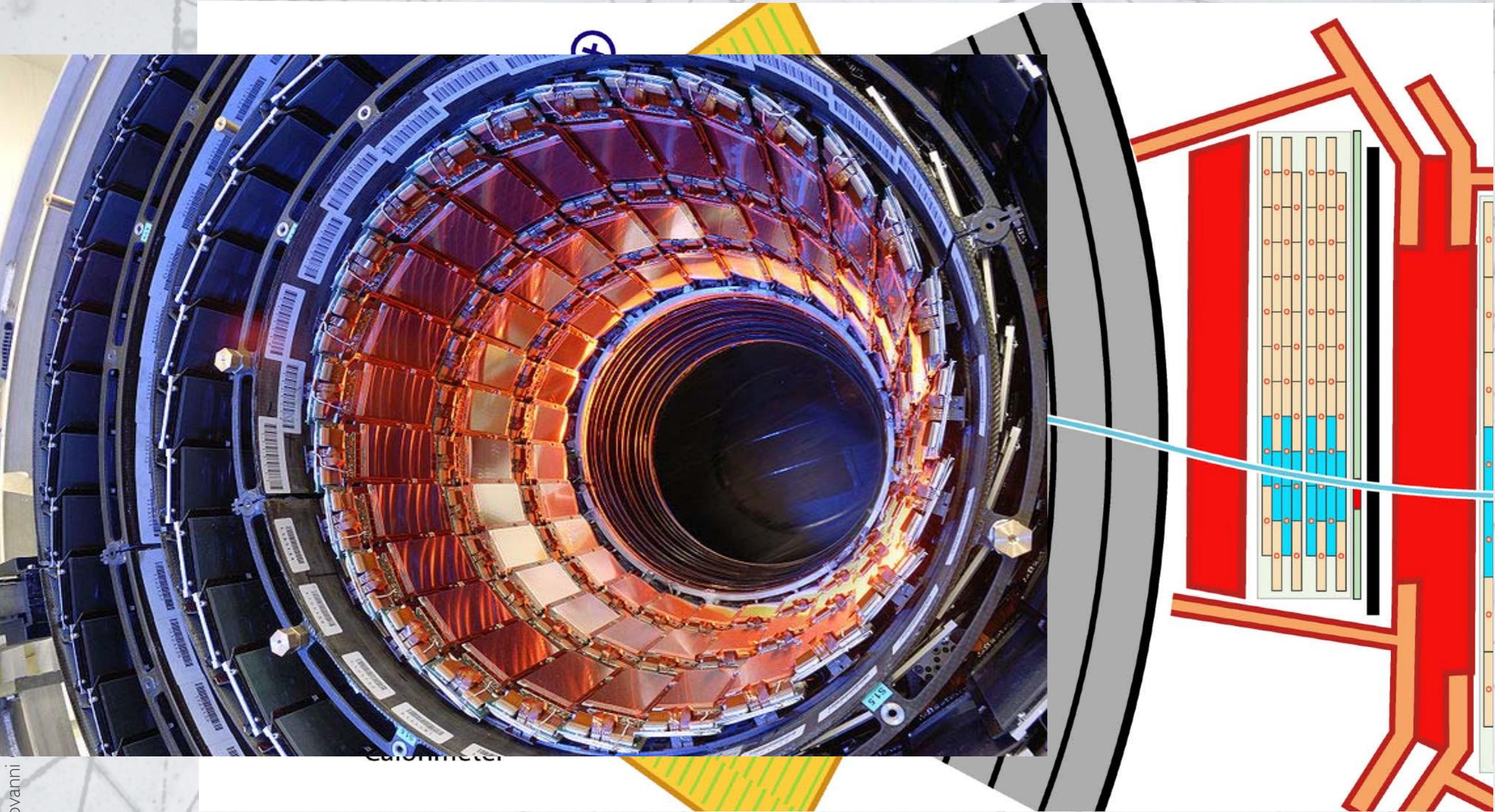
UN RIVELATORE



UN RIVELATORE DI PARTICELLE



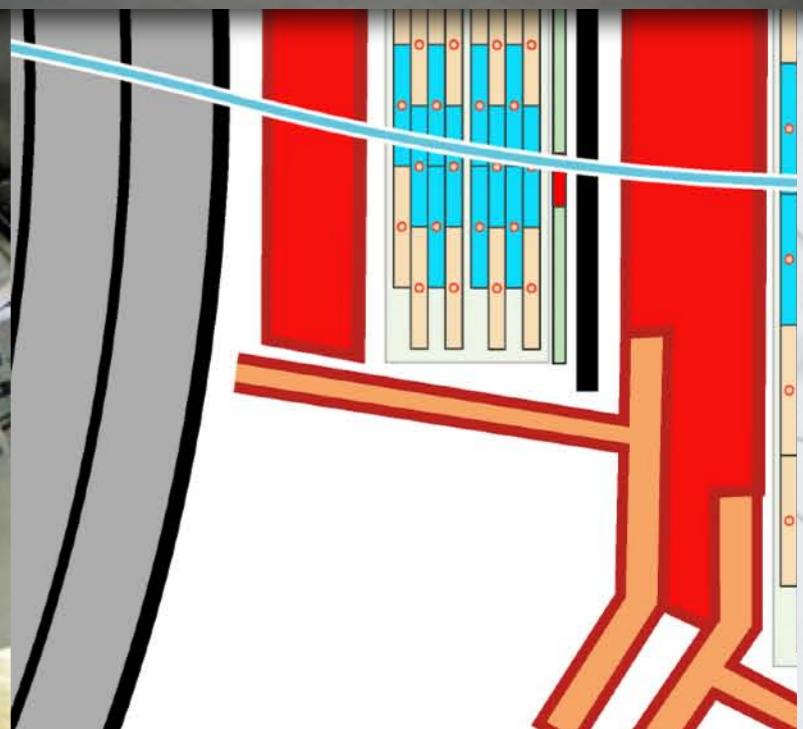
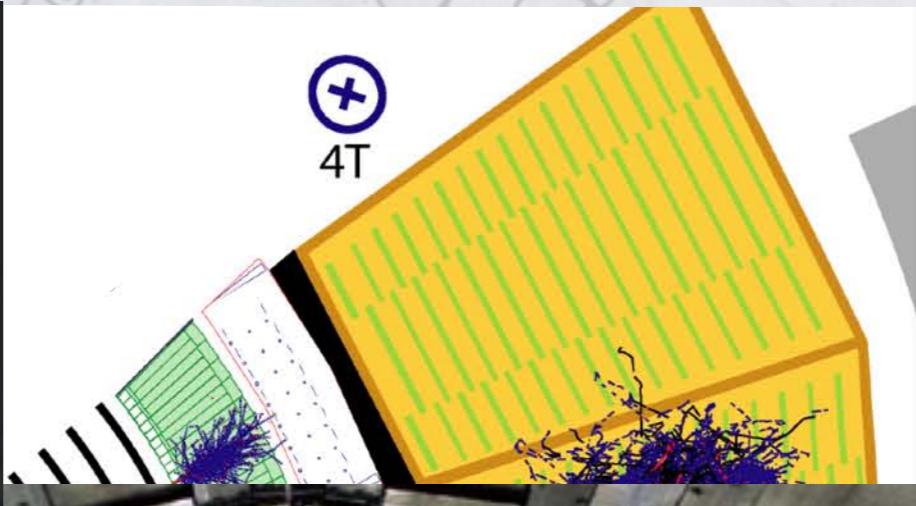
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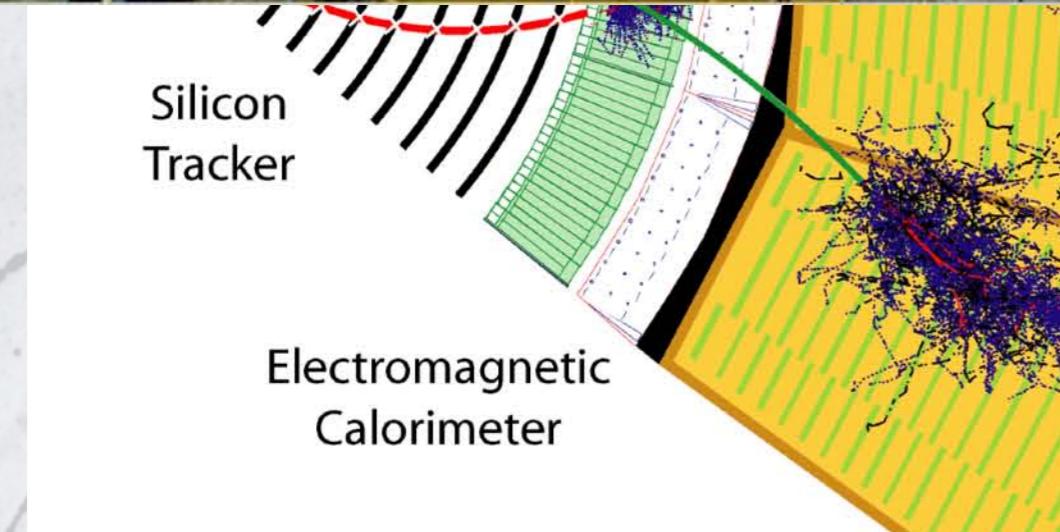
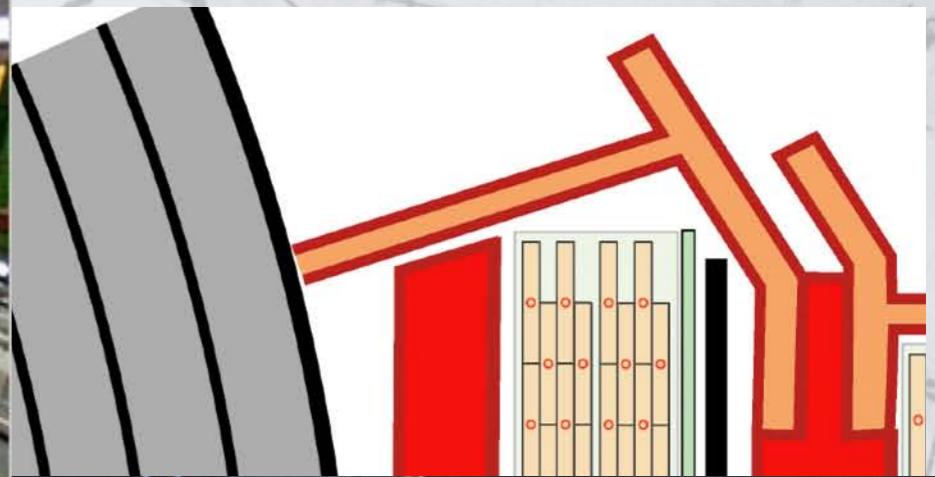
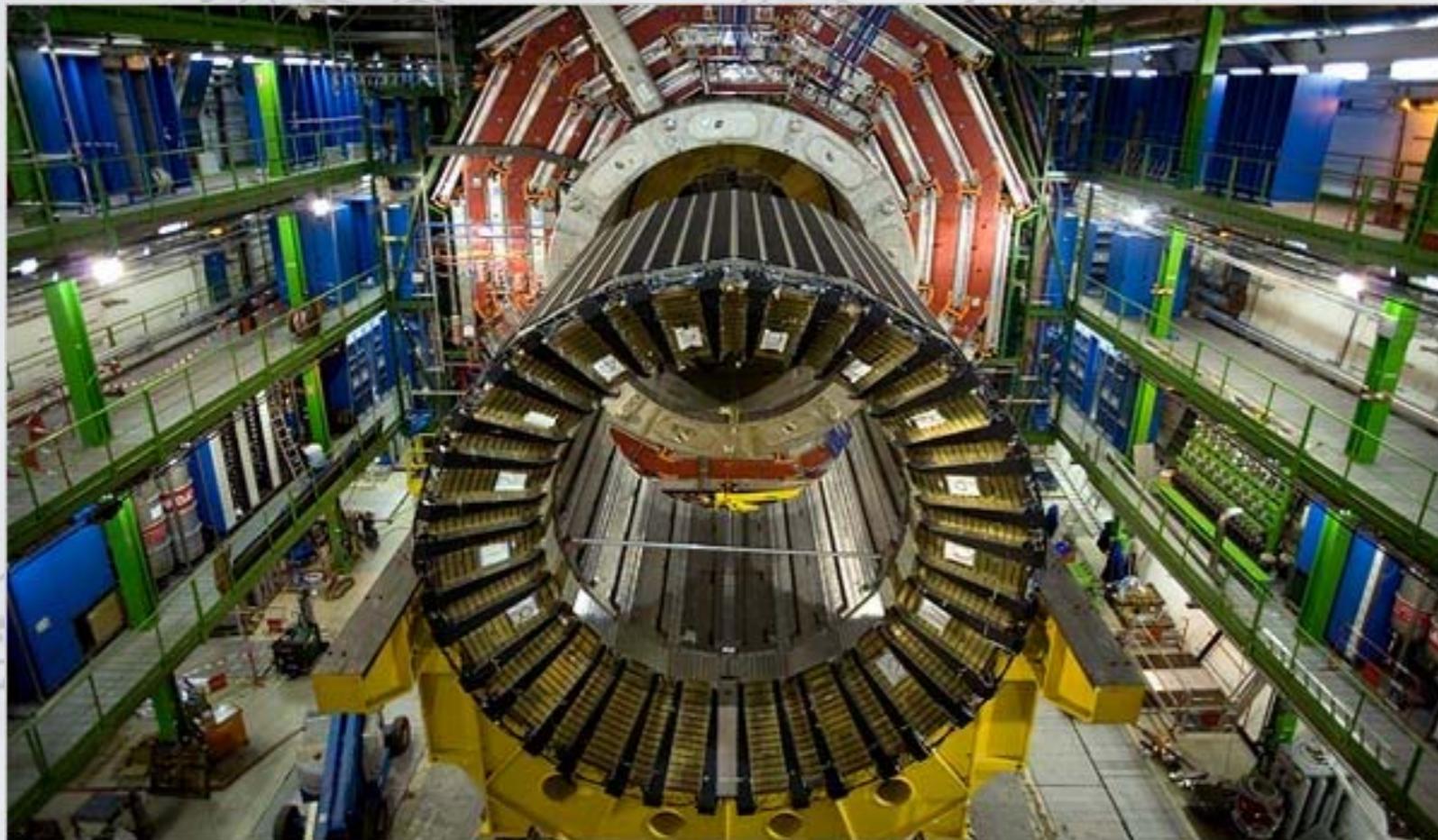
Giovanni

UN RIVELATORE DI PARTICELLE

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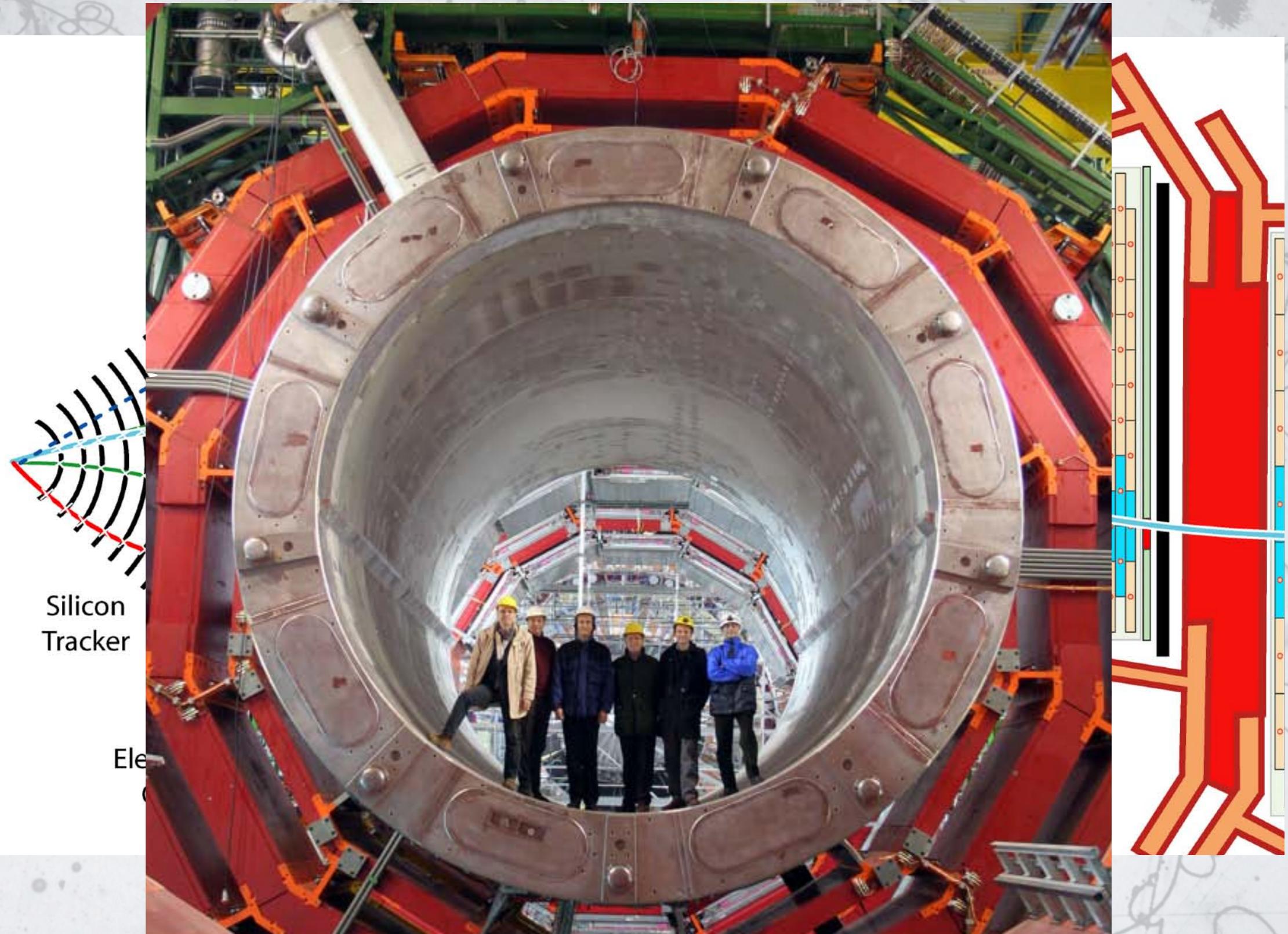


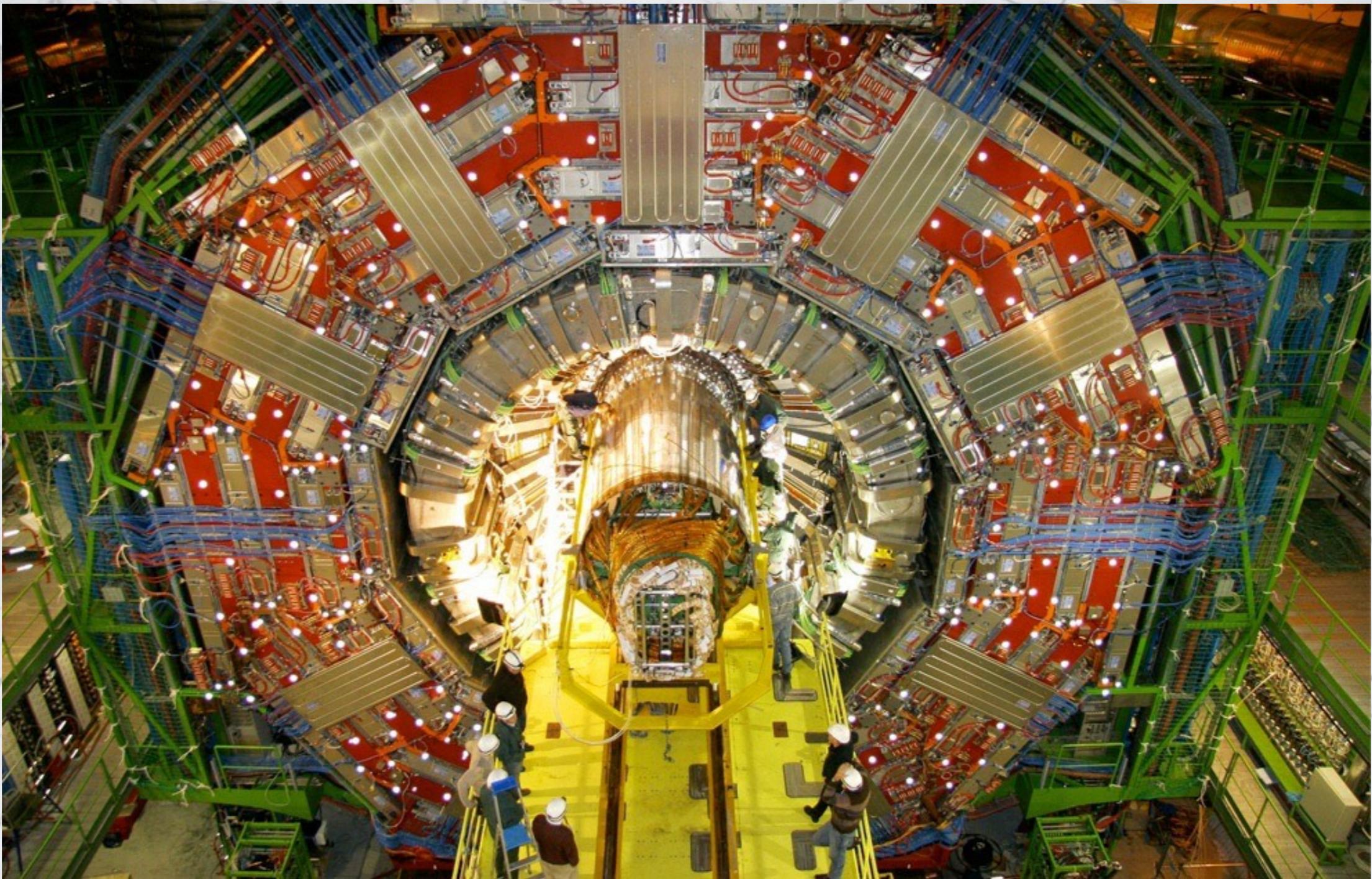
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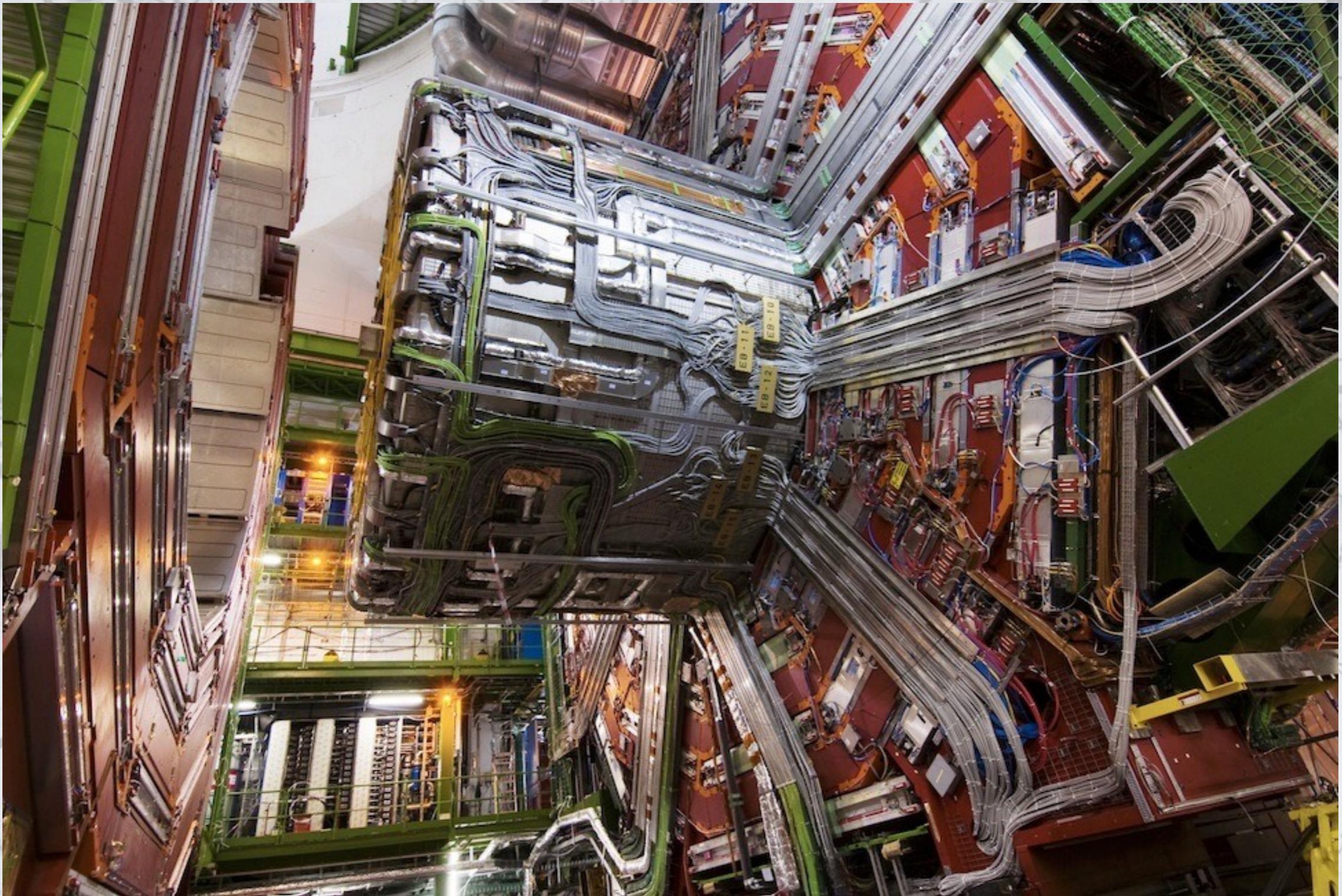
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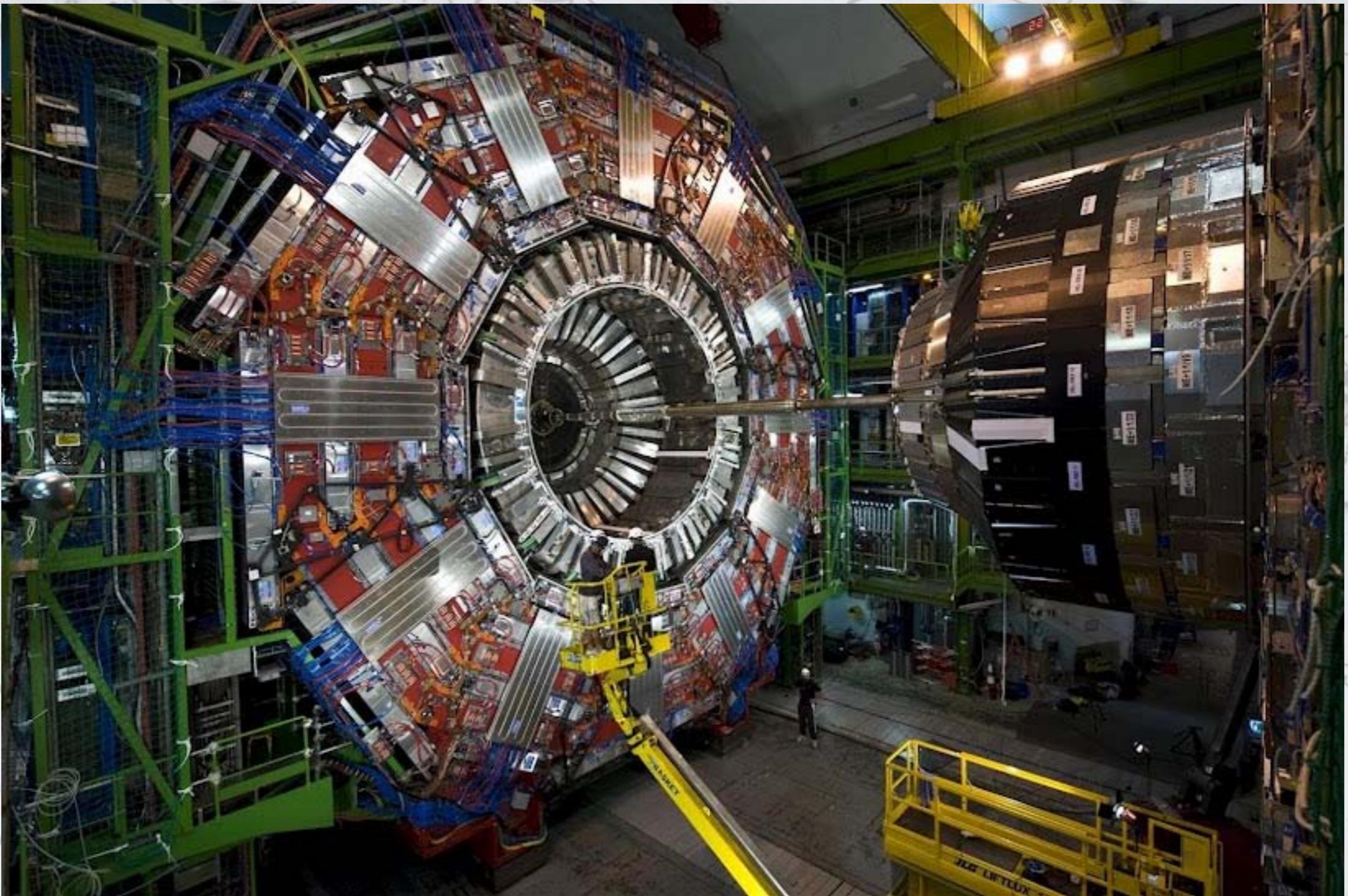
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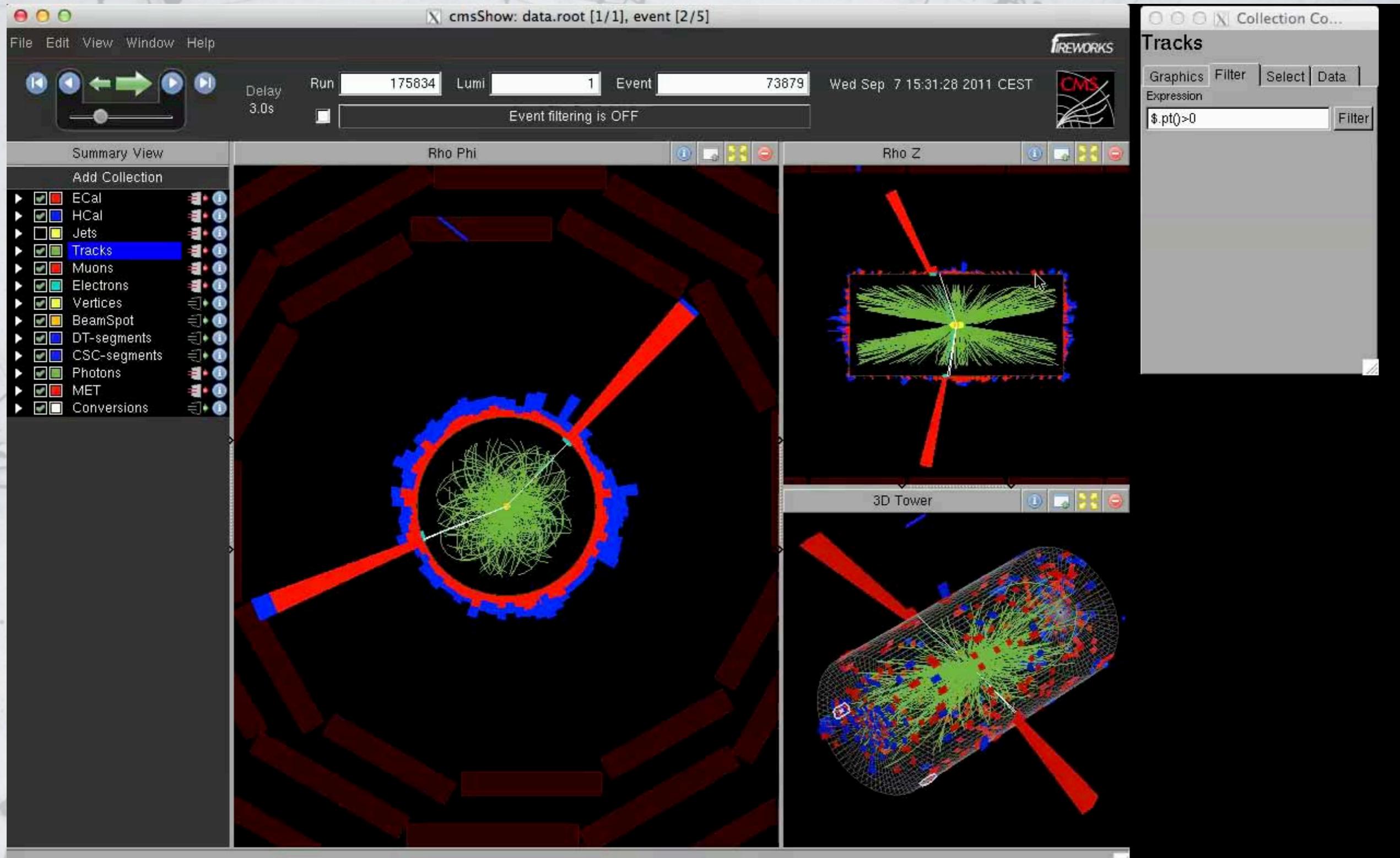


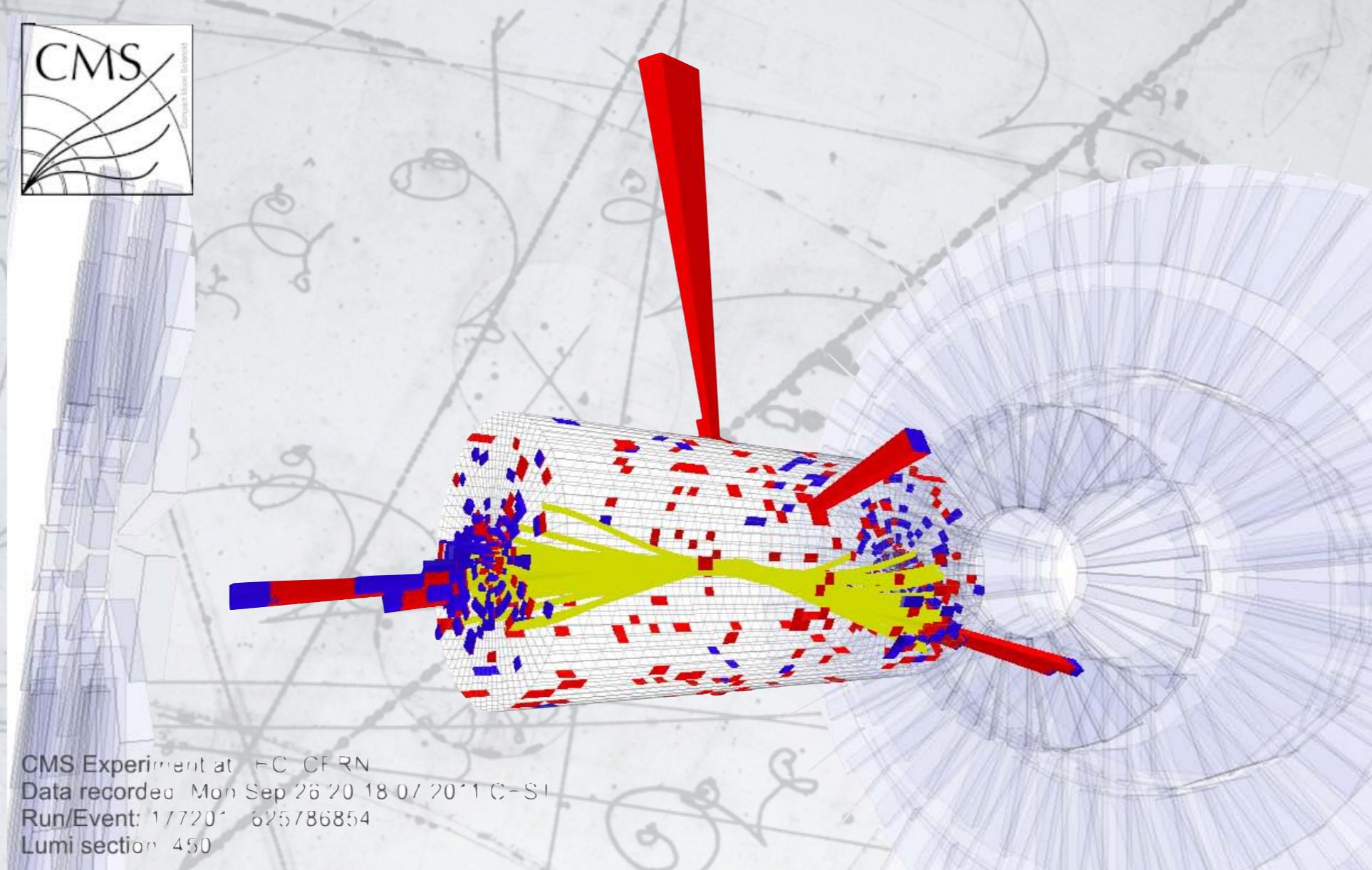
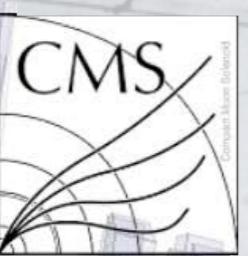




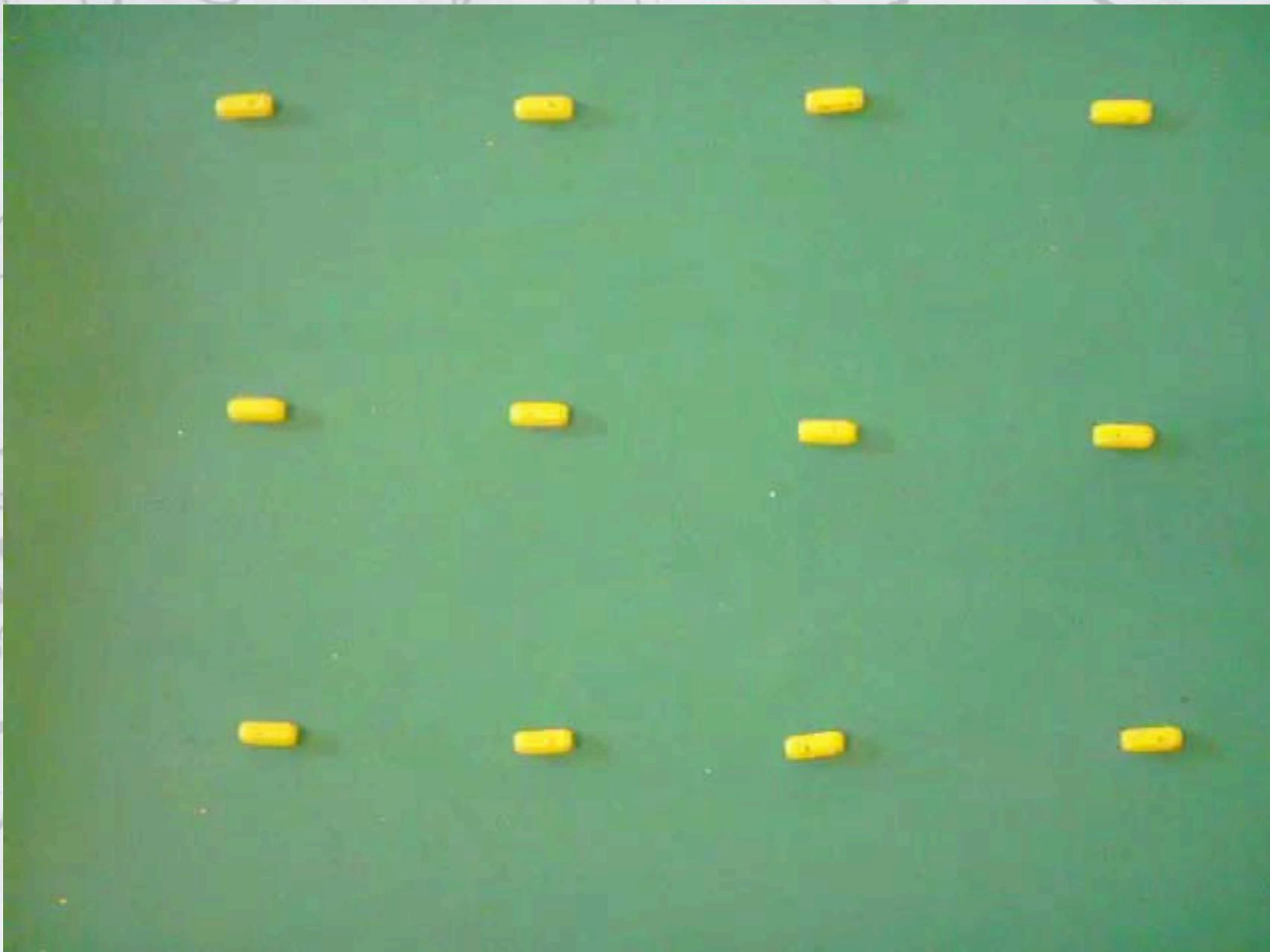


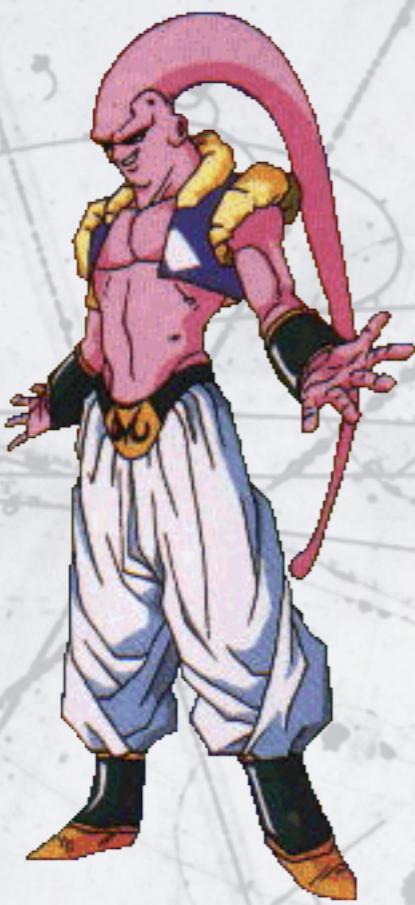






COME SI SCOPRE UNA PARTICELLA

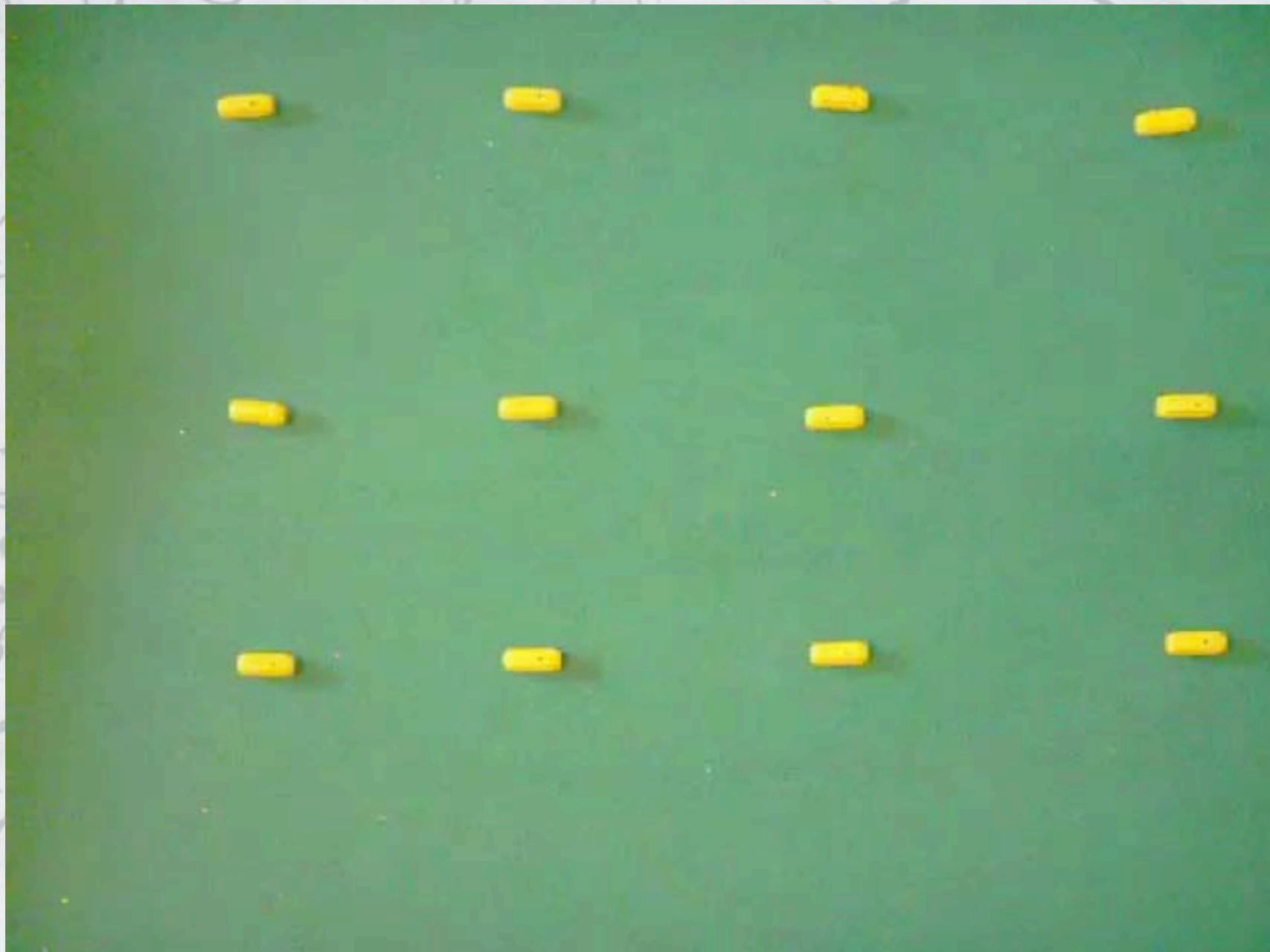


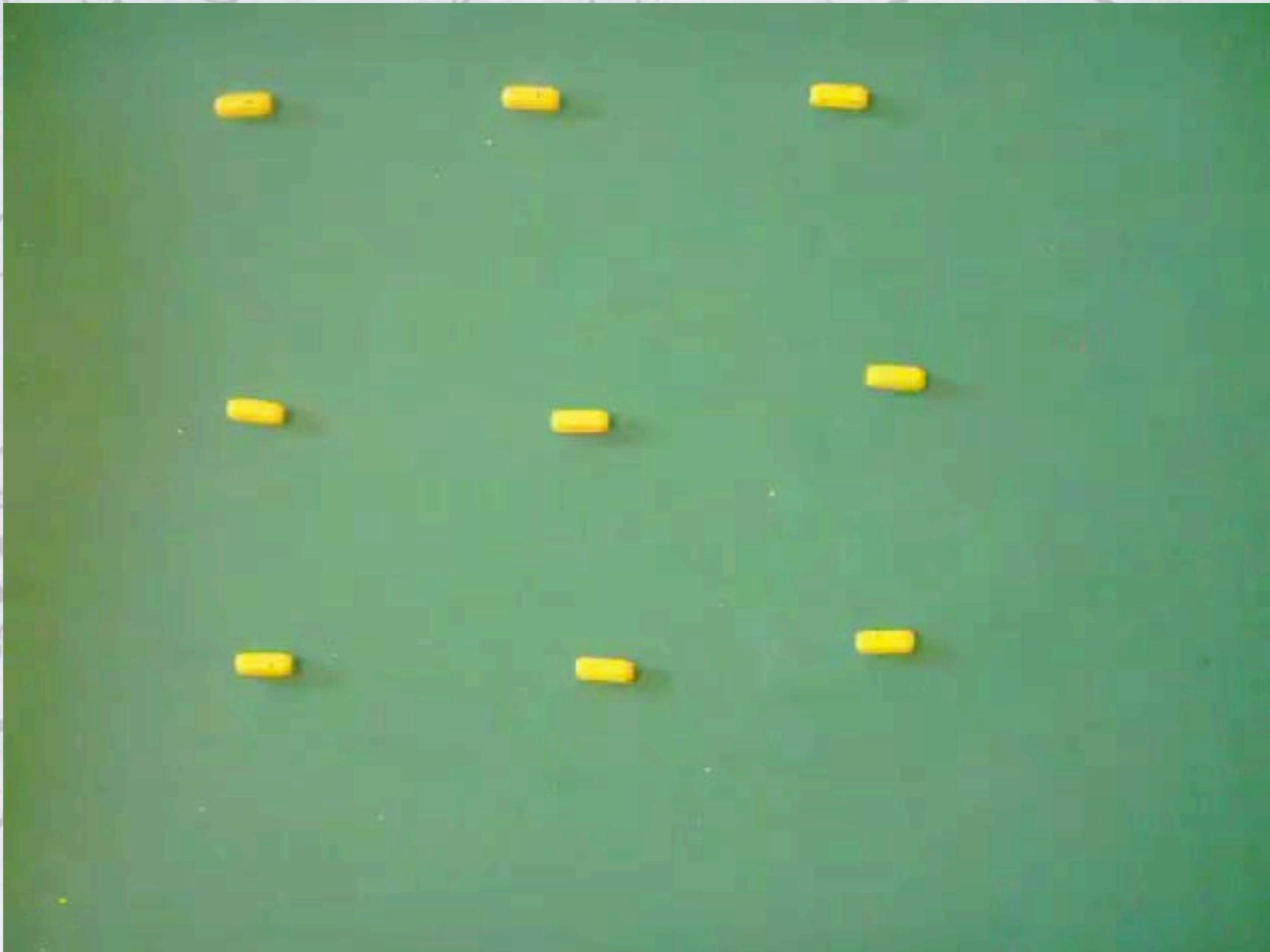


elettrone

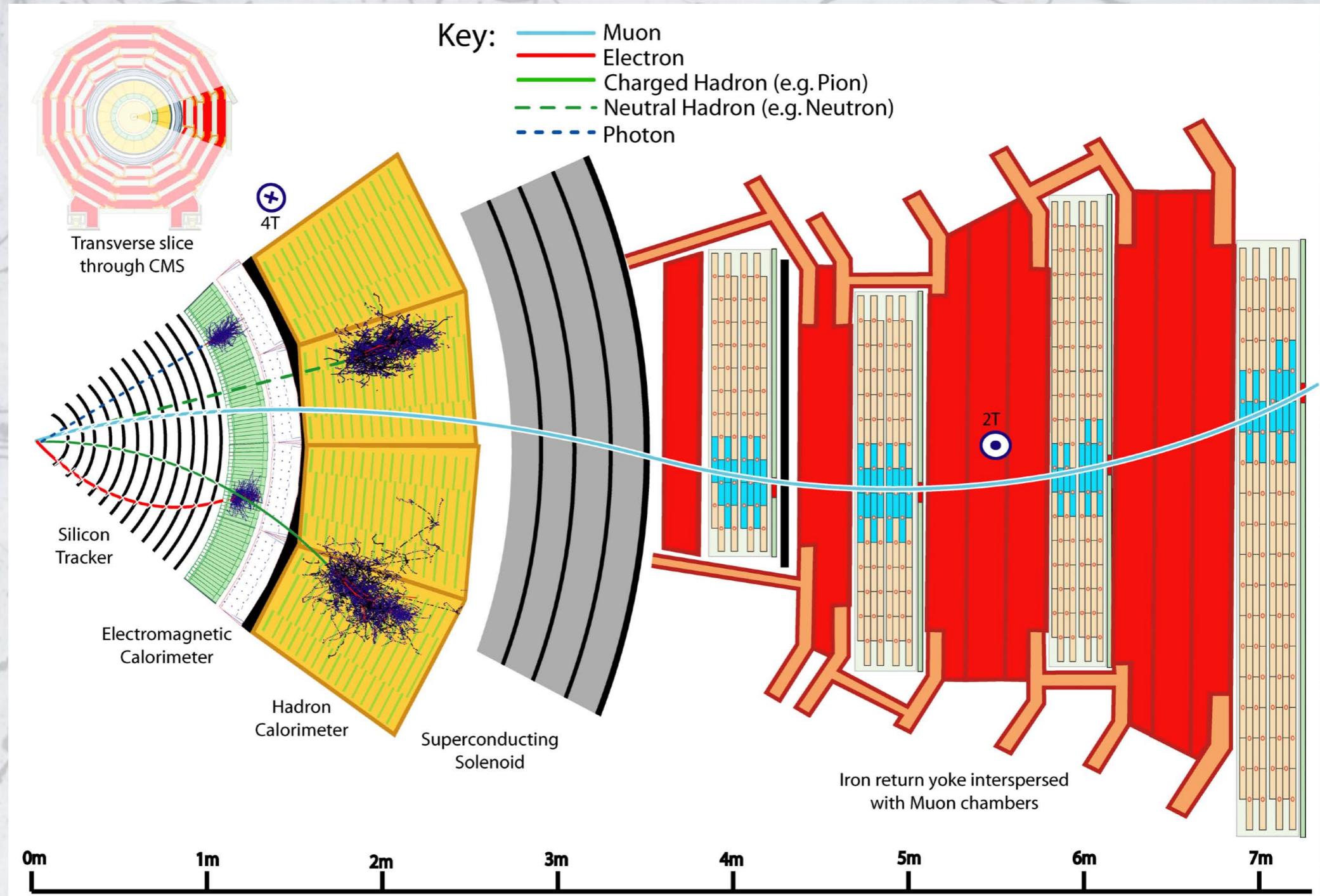


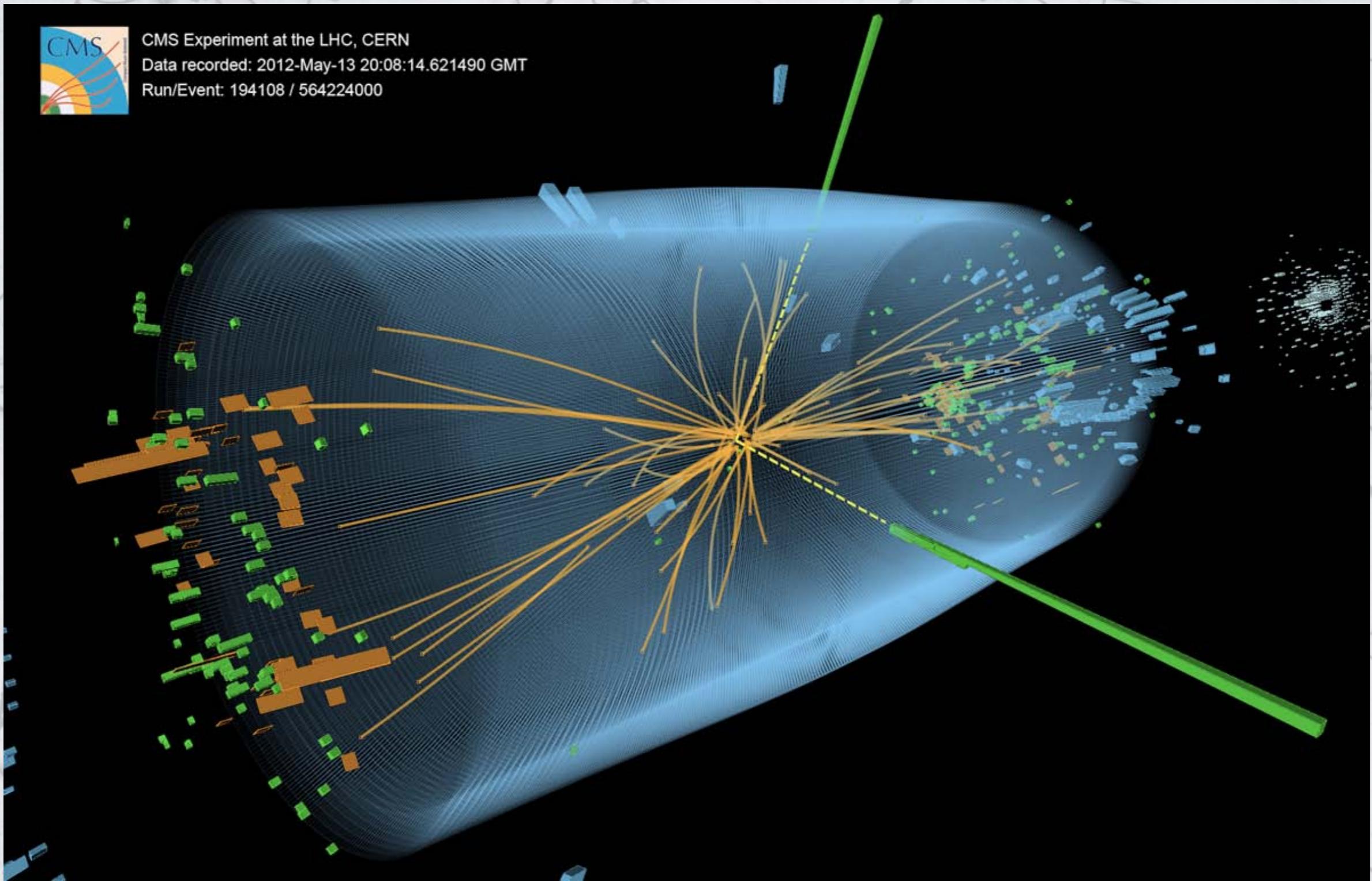
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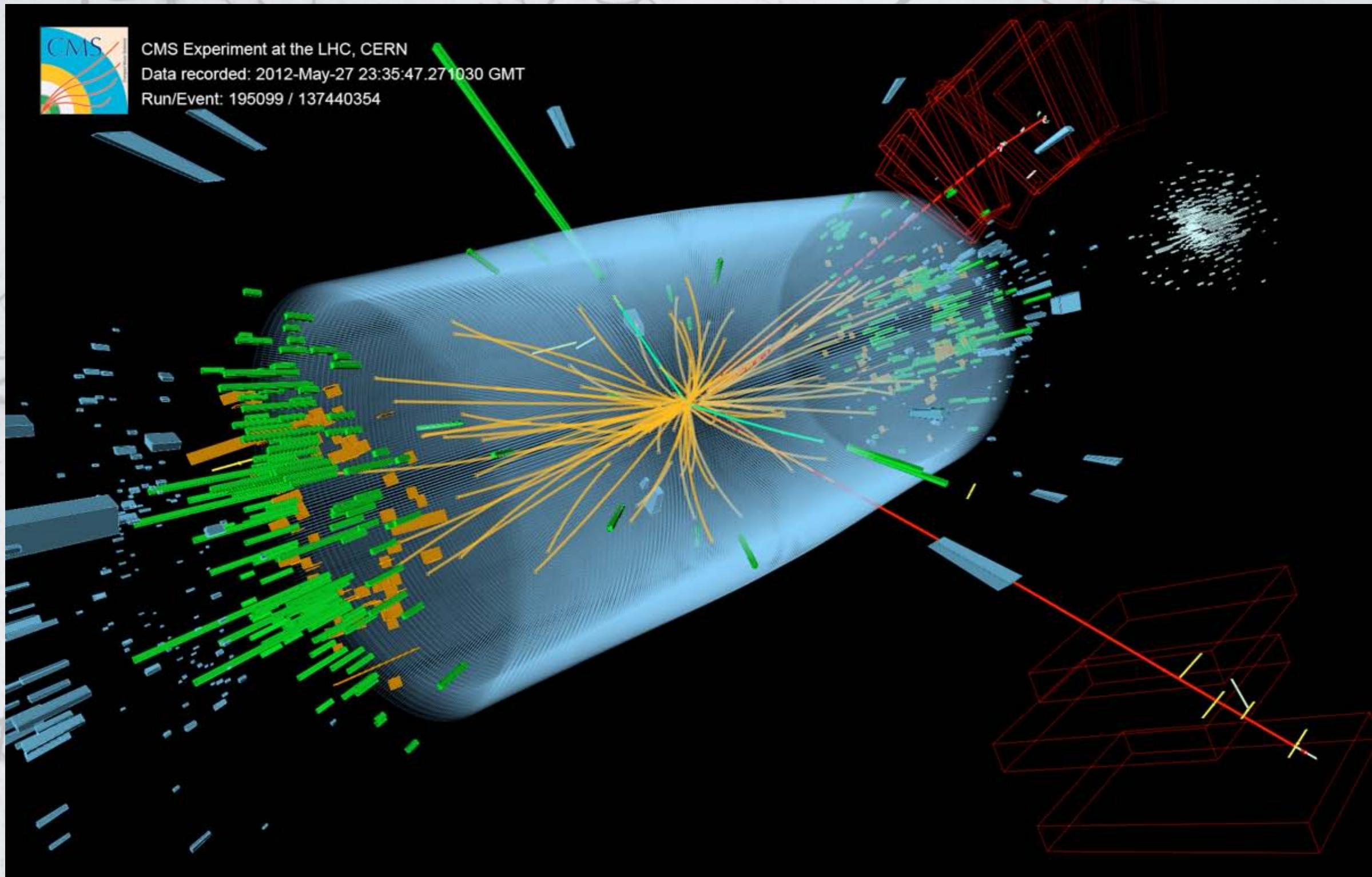


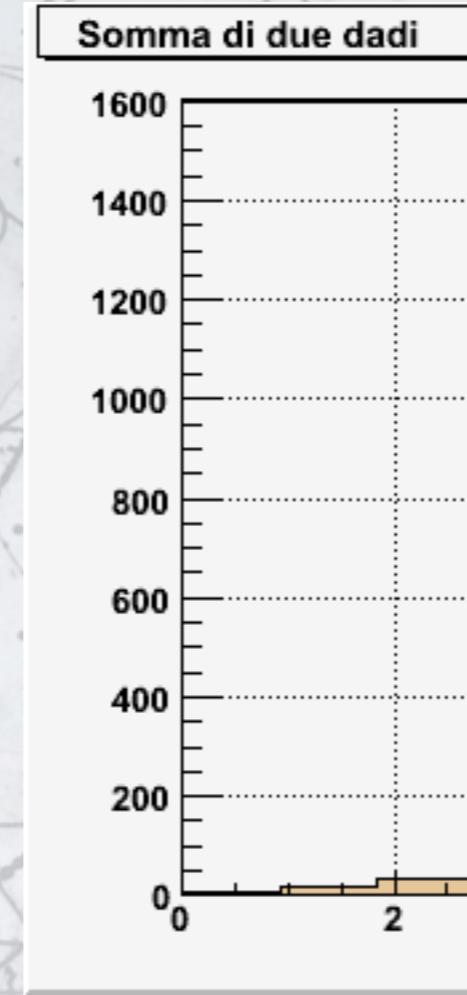


UN RIVELATORE DI PARTICELLE



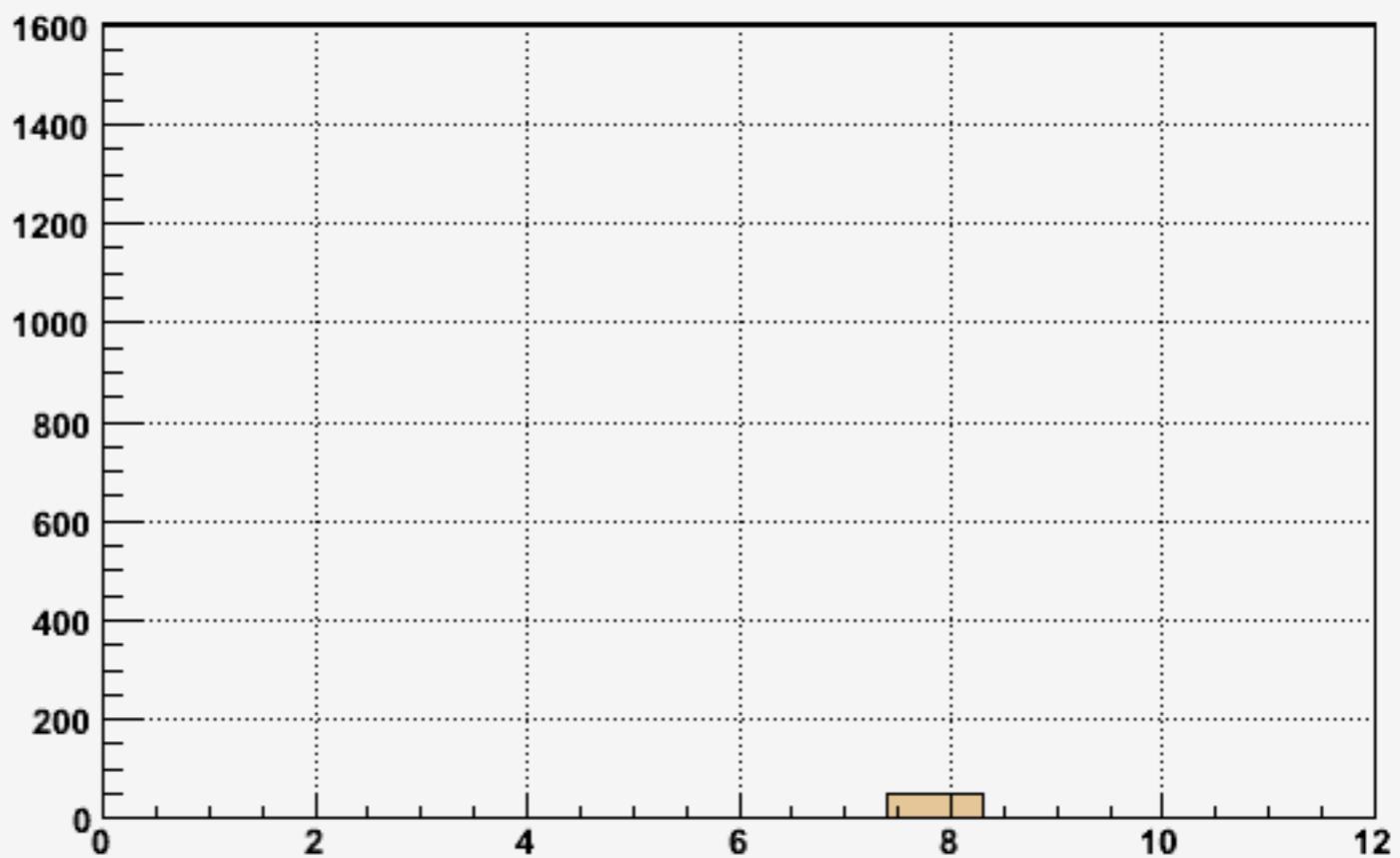






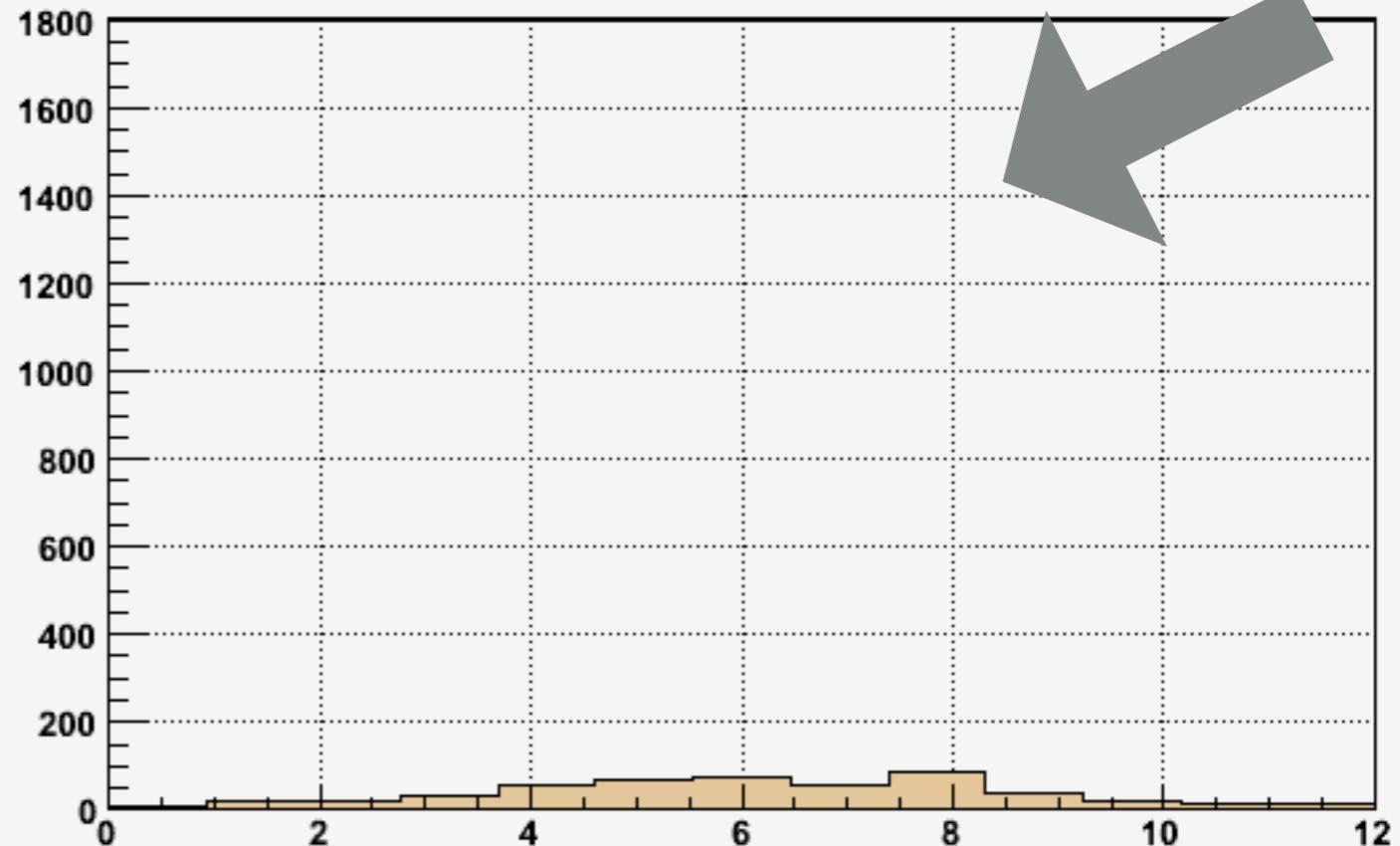


Somma di due dadi





Somma di due dadi

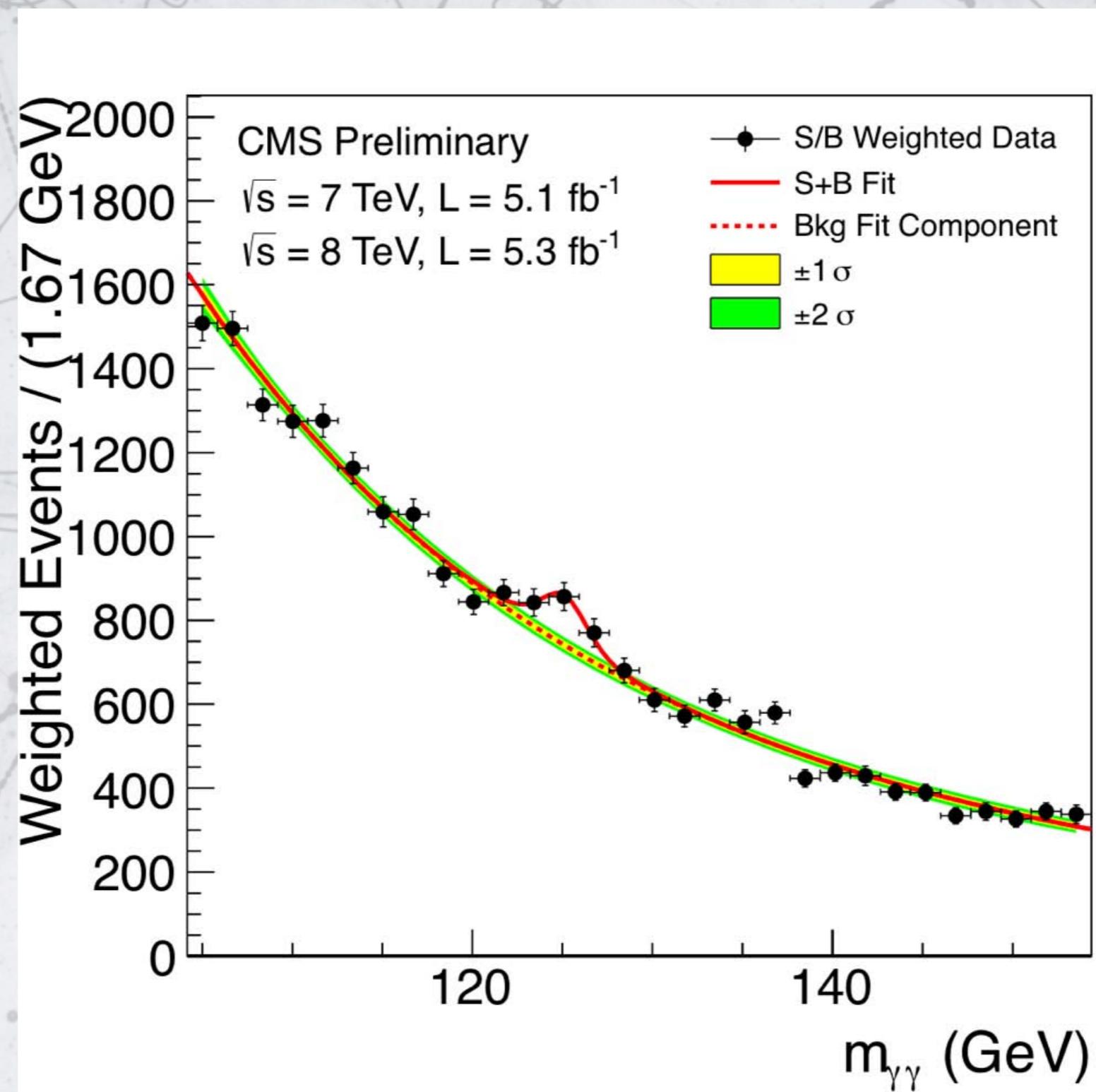


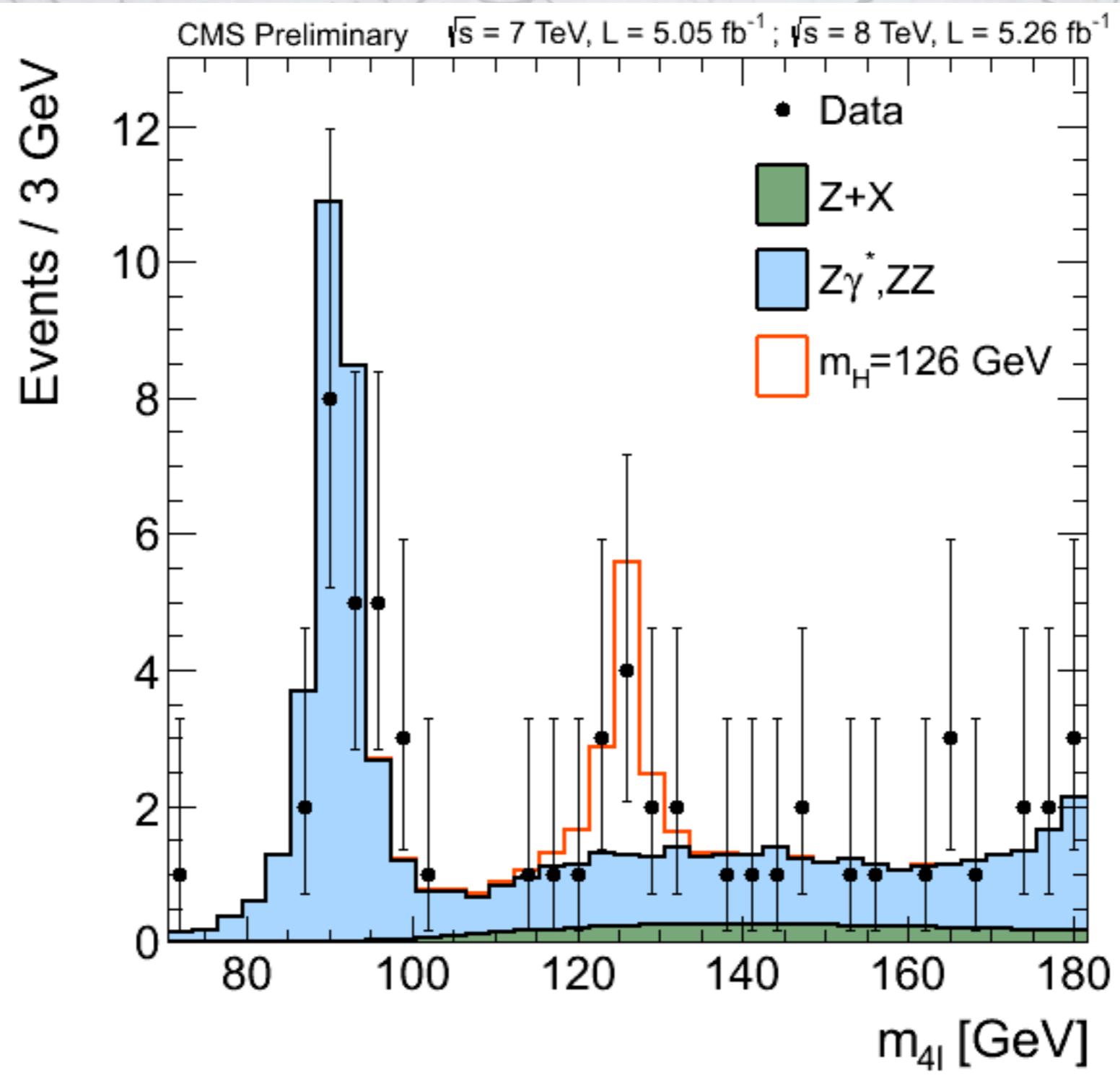
E_1

E_2

$$m^2 = 2E_1 E_2 (1 - \cos \theta)$$

θ

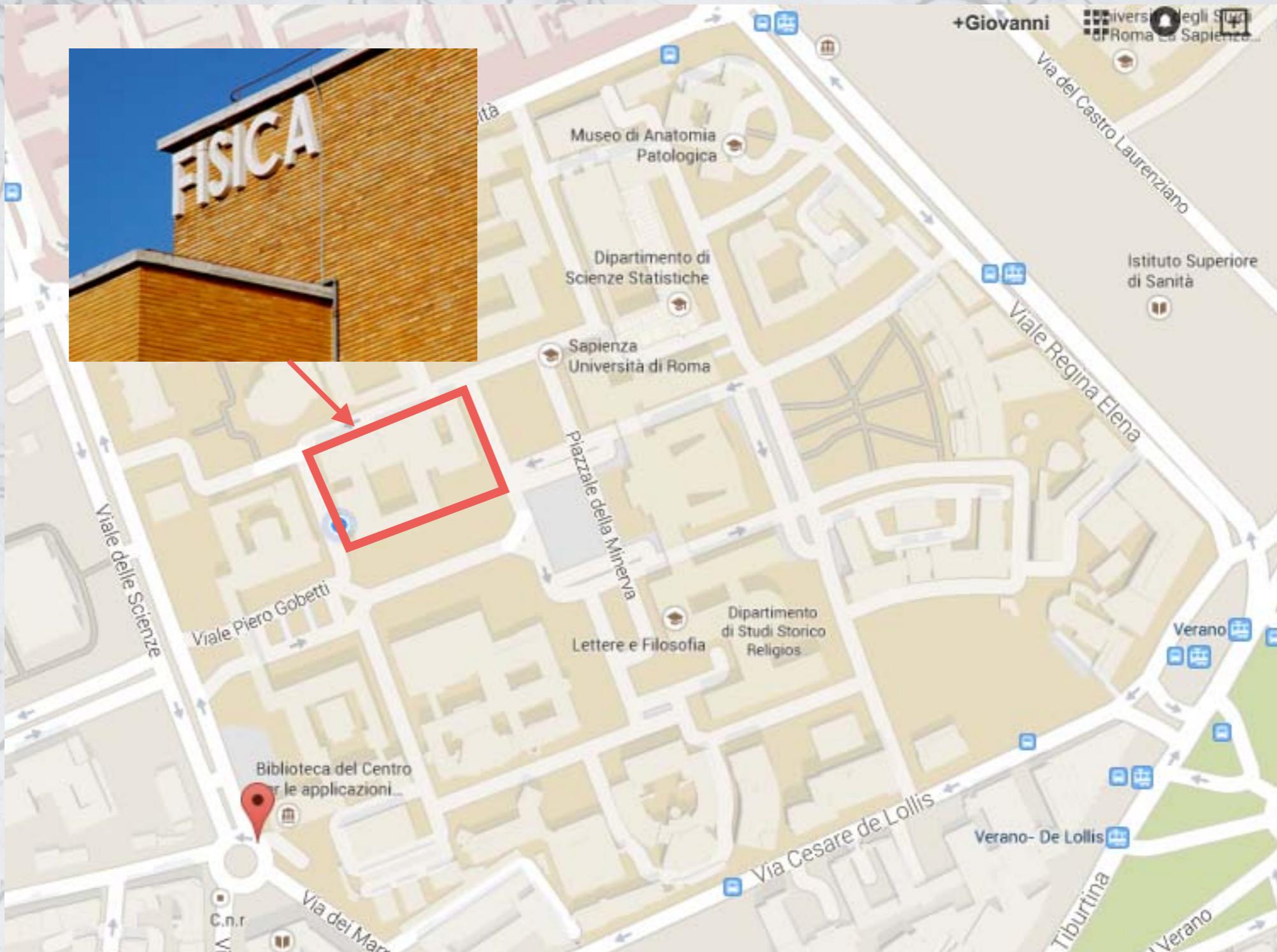


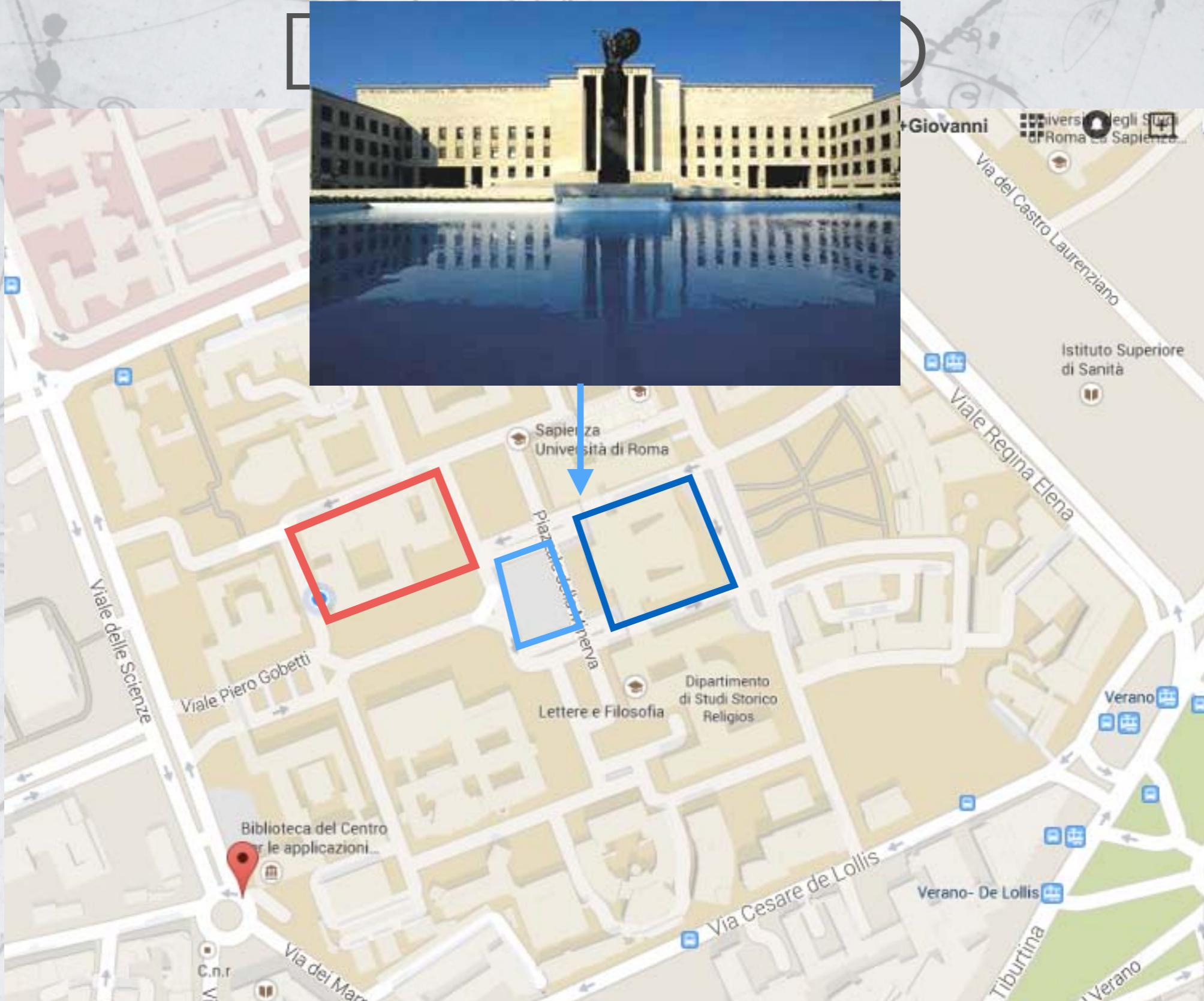


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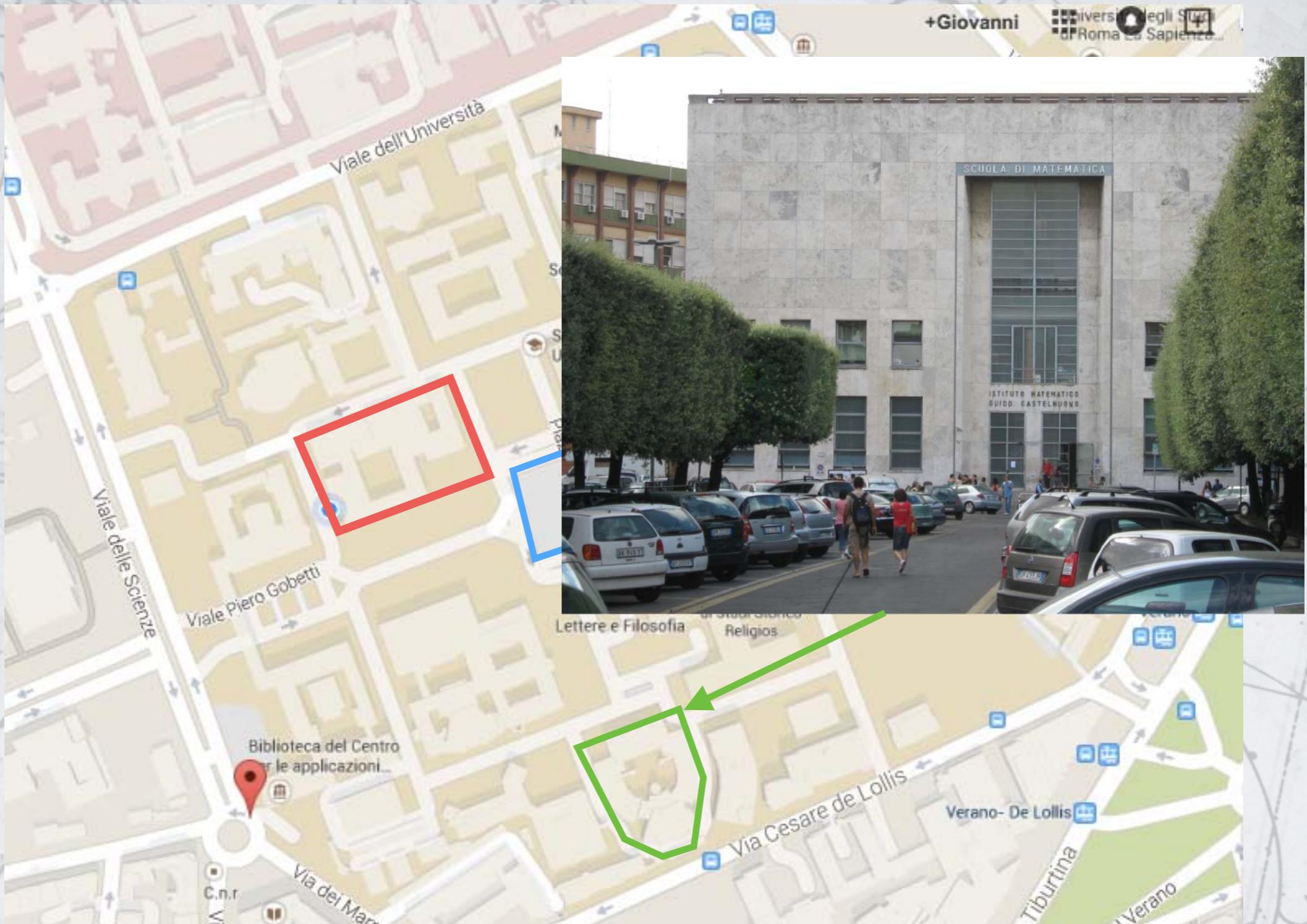


DOVE SIAMO





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