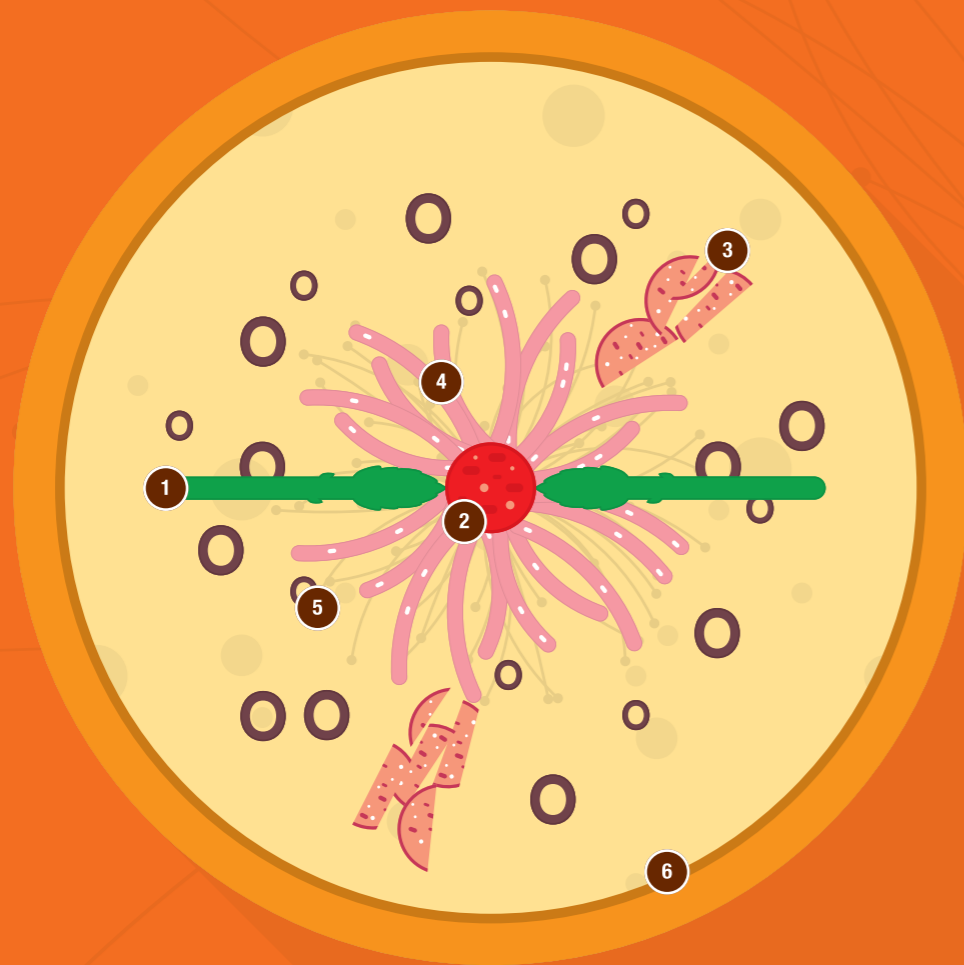


Higgs Boson Pizza Day

at CERN

What's happening on my Ham & Cheese pizza?

A two asparagus (proton-proton)¹ collision produces a spicy Higgs boson (chorizo)² decaying into two high-energy salami (photon)³ clusters and a lot of charged (sliced ham)⁴ and neutral (olive)⁵ particles that are detected in the pizza (detector)⁶ entirely covered with mozzarella sensors.



Asparagus
Proton



Chorizo
Higgs boson



Salami
Photon



Ham
Charged particle



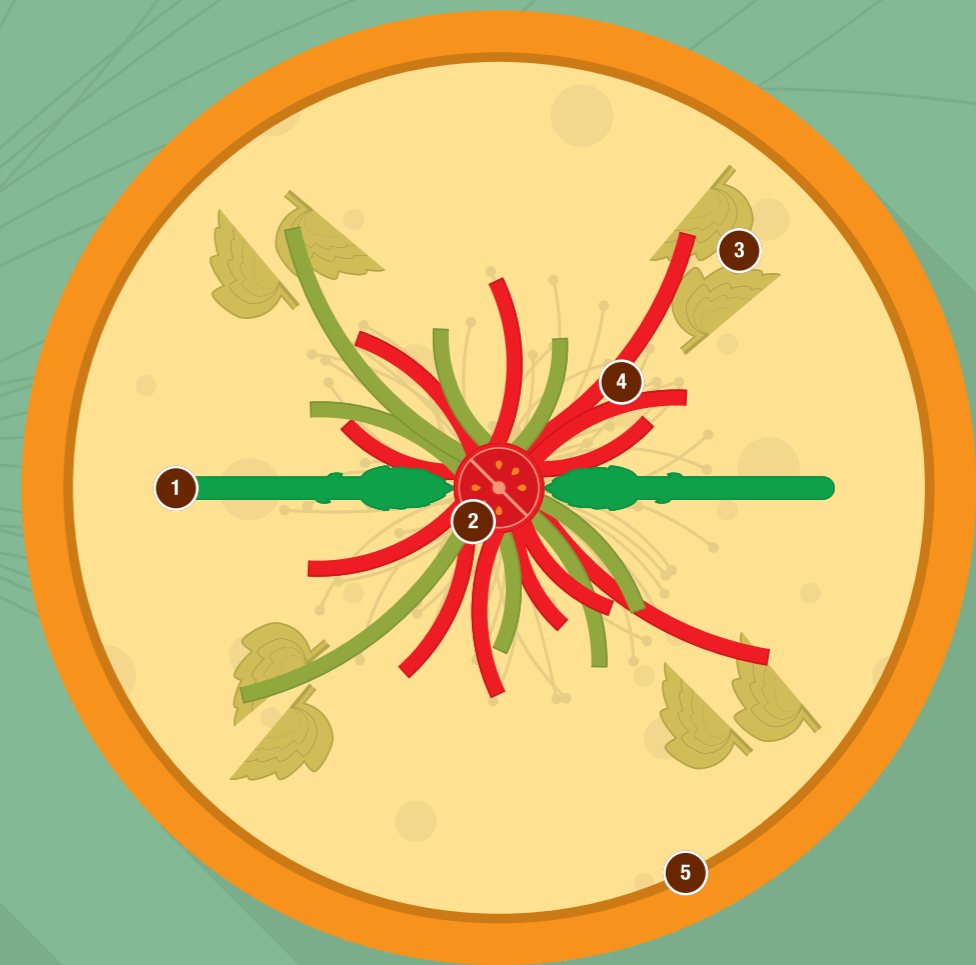
Olive
Neutral particle



Cheese
Detector

What's happening on my Vegetarian pizza?

A two asparagus (proton-proton)¹ collision produces a juicy Higgs boson (cherry tomato)² decaying into four high-energy peppers producing a tasty signal in the artichoke (muon)³ chambers and a lot of charged (red and green peppers)⁴ particles that are detected in the pizza (detector)⁵ entirely covered with mozzarella sensors.



Asparagus
Proton



Cherry tomato
Higgs boson



Artichoke
Muon



Pepper
Charged particles



Cheese
Detector