Exploring Quantum Effects at the Terascale

Rene Poncelet





What is the universe made of and where does it come from?



Standard Model of Particle Physics



26.5.23 Cambridge

Rene Poncelet

CERN: The Large Hadron Collider



CERN

27 km circumference

Accelerator



Detectors



26.5.23 Cambridge

High energy particle collisions



Quantum corrections



Quantum corrections needed to understand the data!

