

## **THE SCIENTIFIC ROADMAP OF PARTICLE PHYSICS IN THE COMING 20 YEARS**

B. Foster\*

*University of Bristol, U.K./ DESY, Hamburg, Germany*

The Large Hadron Collider, currently under construction at CERN, should be completed in 2007. It is likely to revolutionise our understanding of particle physics. There is an unprecedented world-wide consensus that the next major project in particle physics, which will complement and extend the research that can be done at the LHC, is the construction of a linear electron-positron collider with an energy of at least 400-500 GeV. My talk will explain why this is the case and put it in the context of other current or planned facilities. I will also discuss what other developments will be important in the longer-term future to ensure that progress in understanding the fundamental constituents of matter can continue.

---

\* Corresponding author: e-mail: b.foster@bris.ac.uk