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Kaon Physics: A Cornerstone for Future Discoveries

The kaon physics programme, long heralded as a cutting-edge frontier by the European Strategy for Particle Physics, continues to stand at the intersection of discovery and innovation in high-energy physics (HEP). With its unparalleled capacity to explore new physics at the multi-TeV scale, kaon research is poised to unveil phenomena that could reshape our understanding of the Universe.

This document highlights the compelling physics case, with emphasis on exciting new opportunities for advancing kaon physics not only in Europe but also on a global stage. As an important player in the future of HEP, the kaon programme promises to drive transformative breakthroughs, inviting exploration at the forefront of scientific discovery.

Authors: JUTTNER, Andreas (CERN); LAZZERONI, Cristina (University of Birmingham (GB)); RUGGIERO, Giuseppe (Universita e INFN, Firenze (IT)); BORDONE, Marzia (University of Zürich and CERN); MOULSON, Matthew (INFN e Laboratori Nazionali di Frascati (IT))