

## Particle ID

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The steady progress made over the past years in the design of innovative particle identification detectors has enabled to achieve relevant physics results in various experiments. However, new ideas and new challenging developments are needed for complying with the unprecedented particle identification performance required by the planned experiments at SuperB factories and at the forthcoming FAIR facility for understanding the underlying physics. This paper will provide representative examples of advances in the major charged particle identification techniques and the most promising future directions.

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