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## Potential and challenges of the physics measurements with very forward detectors at linear colliders

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The very forward region of the detector at a future linear collider will be instrumented with two sampling calorimeters - BeamCal and LumiCal - for fast beam parameter estimates, precise luminosity measurements, as well as for the improvement of the hermeticity of the detector at small angles. These very forward calorimeters are designed to sustain high radiation doses and deliver precise and valuable data for the machine- and physics-related measurements. In this talk the challenges of the luminosity measurement, as well as of the low-angle particle identification will be discussed, and some of the possible solutions will be presented.

### Summary

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