

## **Thermal mock-up studies for the Belle II vertex detector**

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The cooling system of the BelleII vertex detector is based on the 2-phase accumulator controlled loop method with CO<sub>2</sub> as the coolant. The DESY group is in charge of building a thermal mock-up in order to study and optimize the cooling system. This talk shows the design for this thermal mock-up and some results for the preliminary measurements.

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