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Calorimetry at CMD-3

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CMD-3 is a general purpose detector designed to study e+e− annihilation into hadrons. It is mounted at the VEPP-2000 collider which operates in the wide energy range, Ec.m.s=0.32−2GeV. The calorimetry at the detector is based on three subsystems: closest to the beam pipe barrel Liquid Xenon calorimeter, outer barrel calorimeter based on CsI scintillation crystals and the endcap calorimeter made of BGO scintillation crystals. The creation and operation experience of such calorimeters is valuable for design and development of coming detectors like one at the c-tau factory in Novosibirsk. We describe the structure of the calorimeters, their electronics and the energy calibration procedures with prospects to future calorimeters.

Primary author: Mr RAZUVAEV, Georgii (BINP)

Presenter: Mr RAZUVAEV, Georgii (BINP)

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