

# HiBeam-T: A TPC with pixel readout for heavy-ion beam monitoring

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Fig 1. Detector layout: a TPC-like chamber

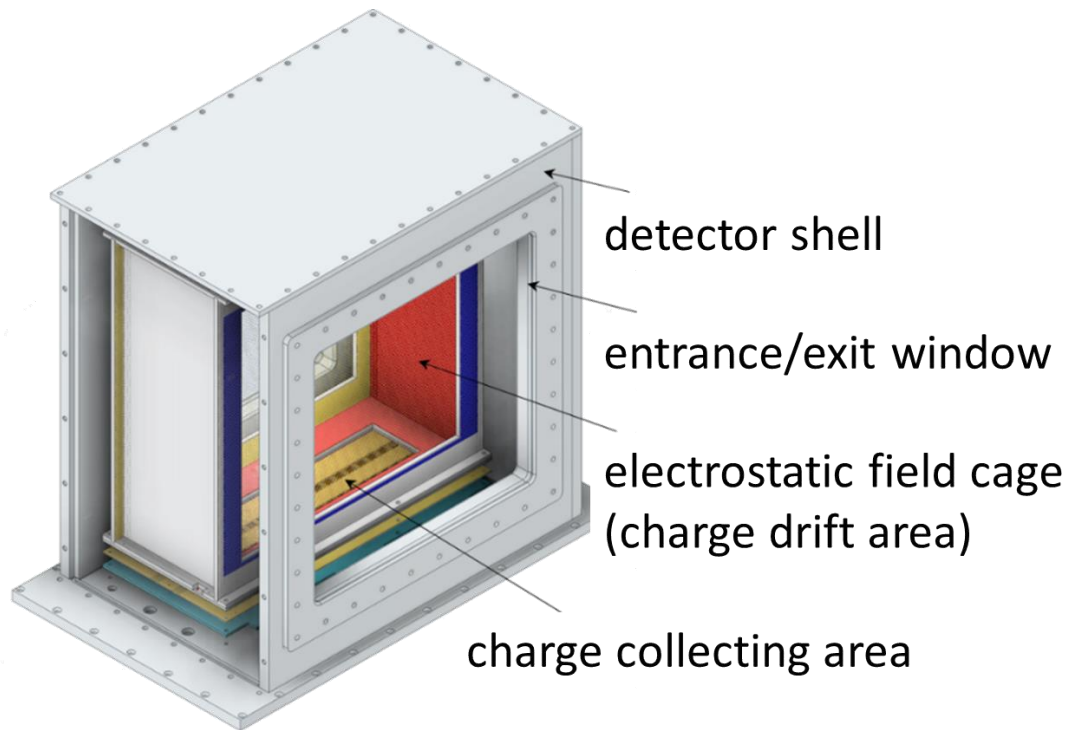
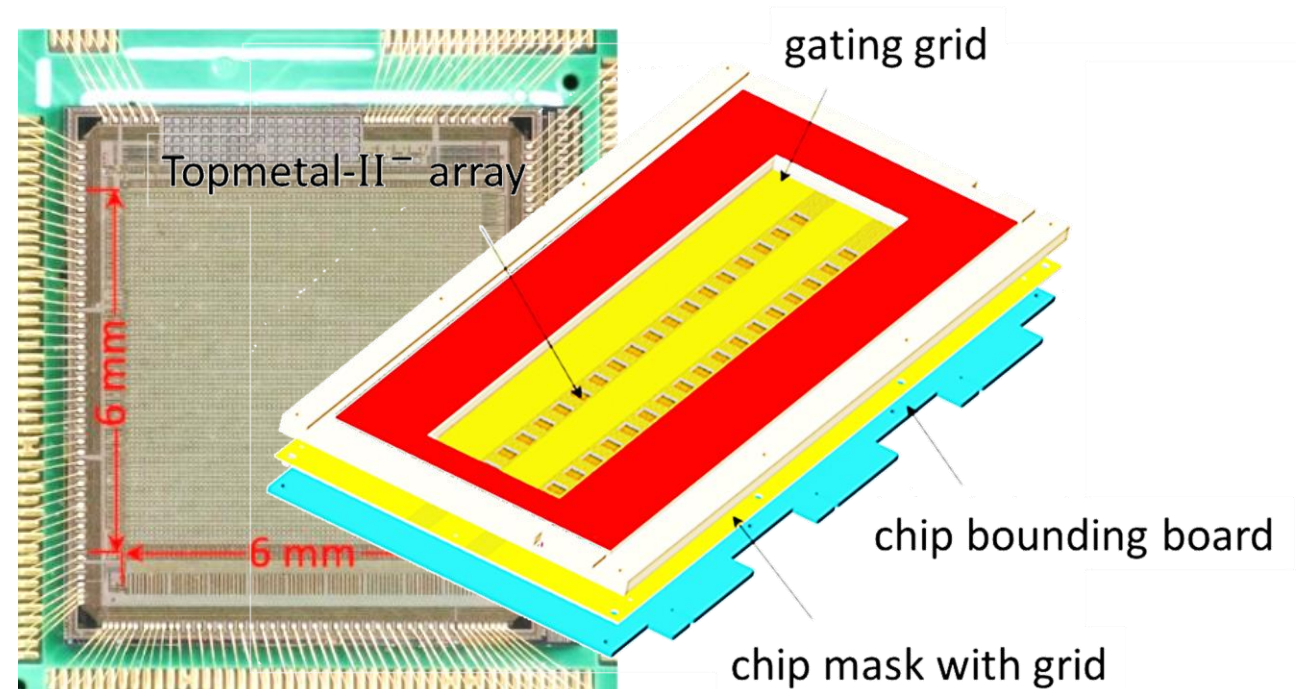


Fig 2. Readout electrodes: 2×20 Topmetal-II<sup>-</sup> ASICs



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Fig 3. Readout electronics: three readout control modules with clock synchronization

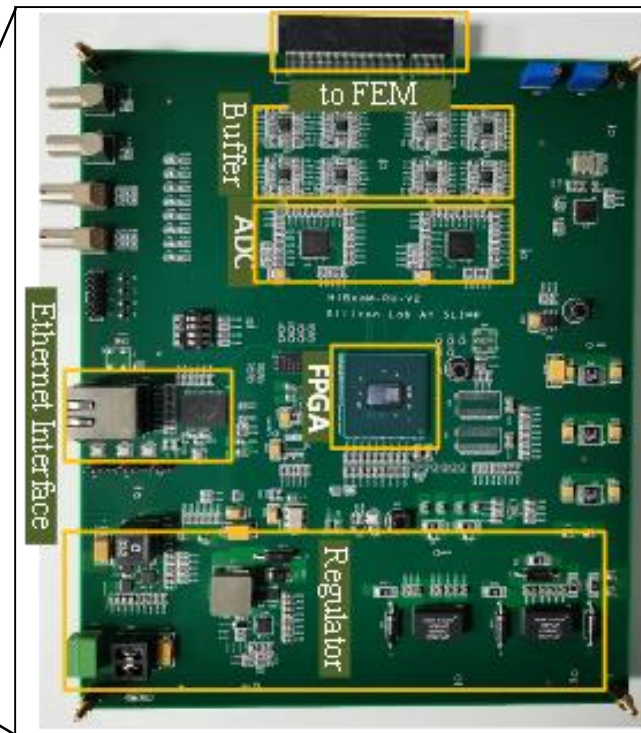


Fig 4. Beam test: beam profile & non-parametric fitting

