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**J-PARC E17 experiment** YUYA FUJIWARA, The University of Tokyo, J-PARC E17 COLLABORATION — Precision x-ray spectroscopy of the 3d-2p X-ray of kaonic helium 3 atoms (J-PARC E17) will be performed as one of the Day-1 experiments at the J-PARC, a new proton synchrotron facility in Japan. By using eight Silicon Drift Detectors (SDDs) which has a high energy resolution of 150 eV (FWHM) and a large sensitive area of 100 mm<sup>2</sup>, the 2p level shift will be measured with precision of a few eV. Experimental apparatus consist of three parts, x-ray detectors, the cryostat and liquid <sup>3</sup>He target, and drift chambers. In this talk, an overview of the detectors and the preparation status will be presented.

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