

## YSTAR-NEOPAT Observations of Asteroids

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Yonsei University Observatory and Korea Astronomy and Space Science Institute are jointly operating wide-field 0.5m automatic survey telescopes in South Africa and Australia. These telescopes are equipped with a 2K CCD camera covering  $\sim 3$  square degree FOV. The automatic observations are often focused on finding galactic variable stars, but also useful in finding asteroids. This paper describes the algorithms developed to detect asteroids and also present the overall characteristics of thousands of asteroid detections made so far. The joint southern sky survey facility will soon be expanded by an additional 0.6m telescope of 4 square degree FOV in Chile, which will enable the round-the-clock monitoring of variabilities.