Recent status and physics overview at SPring-8 LEPS2 BGOegg

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1 The SPring-8 LEPS2/BGOegg was newly constructed for the purpose to increase the beam intensity from the SPring-8/LEPS experiments and to achieve the large acceptance coverage with BGOegg and peripheral detectors. The new EM calorimeter BGOegg covers the large acceptance and indicate the high energy and position resolution. In January 2013, the first beam produced by Laser-Electron-Photon (LEP) has been delivered to the SPring-8/LEPS2 beamline. BGOegg and peripheral detectors successfully collected data for the few months. We’ll present recent status of LEPS2/BGOegg experiment and discuss physics programs, which are aiming to perform at LEPS2/BGOegg, such as the searches for $\eta'$ mesic-nuclei and excited baryon resonances.

1All members of the collaboration are listed on http://www.lns.tohoku.ac.jp/~bgoegg/collaboration.html

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Date submitted: 01 Jul 2014 Electronic form version 1.4