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Recent status and physics overview at SPring-8 LEPS2 BGOegg MANABU MIYABE, TAKATSUGU ISHIKAWA, YUJI MATSUMURA, NORI-HITO MURAMATSU, HAJIME SHIMIZU, KEN'ICHIRO SHIRAISHI, YUSUKE TSUCHIKAWA, RYUJI YAMAZAKI, Research Center for Electron Photon Science, Tohoku University, HIROTOMO HAMANO, TOMOAKI HOTTA, YU-UTO KASAMATSU, TAKASHI NAKANO, TRAN NAM, TETSUHIKO YORITA, MASARU YOSOI, RCNP, TOSHIKAZU HASHIMOTO, KEIGO MIZUTANI, NATSUKI TOMIDA, MASAYUKI NIIYAMA, Kyoto University, KENNETH HICKS, Ohio University, SHINICHI MASUMOTO, TAKUYA SHIBUKAWA, University of Tokyo, KYOICHIRO OZAWA, KEK, YUJI OHASHI, JASRI, HIROAKI OHNISHI, RIKEN, LEPS2/BGOEGG COLLABORATION¹ — 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 η' mesic-nuclei and excited baryon resonances.

 $^1 \rm{All}$ members of the collaboration are listed on http://www.lns.tohoku.ac.jp/~bgoegg/collaboration.html

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