Abstract Submitted for the HAW09 Meeting of The American Physical Society

Studies on exotic hadrons at Belle¹ TORU IIJIMA, Nagoya University, BELLE COLLABORATION — In this talk, we will present updated results on exotic hadrons from the Belle experiment at KEK. First, we will present results from reanalysis of the Z(4430)+ resonance using the Dalitz plot technique. We have observed the signal peak with more than 6 sigma significance, consistent with our previous measurement. We will also present some more new results obtained by Summer 2009. Then, we will present on the plan for the upgrade of the KEKB accelerator and the Belle detector to the Super-KEKB and Belle II, and discuss future prospects of research in this area

¹This work is supported by grant-in-aid from MEXT, Japan, for Scientific Research in Innovative Area, "Quest on New Hadrons with Various Flavors."

Toru Iijima Nagoya University

Date submitted: 01 Jul 2009 Electronic form version 1.4