

# ACCELERATOR SEMINAR

## **“Status of the Compact ERL and the Future ERL Plan at KEK”**

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Future synchrotron light source based on a 3-GeV ERL is under consideration at KEK, and we are conducting extensive R&D efforts. To demonstrate generation of ultra-low emittance beams, as well as to demonstrate reliable operations of key components for the ERL project, we are constructing the Compact ERL (cERL). In this talk, I will explain an outline of the 3-GeV ERL plan, current design of the Compact ERL, and both status of our R&D efforts and the construction of the Compact ERL.

**Tuesday, December 20, 2011  
11:00 a.m.  
CEBAF Center, Room F113**

**Coffee before seminar at 10:45 a.m.**