Contribution ID: **46**   Type: **Regular Talk (15min)**

EPICS based remote control system for ECR-IS & LEBT in SCL Demo at RISP

Wednesday 21 September 2016 09:20 (20 minutes)

SCL Demo(Superconducting linear accelerator demonstration) was installed in SRF test facility at RISP. SCL Demo has ECR-IS, LEBT, RFQ, MEBT, QWR cryomodule, RF, and beam diagnostics. ECR-IS and LEBT section is the starting point to extract and accelerate heavy ion beam. ECR-IS started to beam extraction experiment, and remote control system is a precondition to run the the machine. In short term, the control system was developed on the EPICS platform. This system is the first self-developed remote control system for real machine at RISP. This report is about the beginning and the end of ECR-IS & LEBT remote control system development.

Author: Dr CHOI, Suk (RISP/IBS)

Co-authors: Dr LEE, Jinho (RISP/IBS); Dr KIM, Mijung (RISP/IBS); KIM, Yonghak

Presenter: Dr CHOI, Suk (RISP/IBS)

Session Classification: EPICS Collaboration Meeting

Track Classification: Status Reports