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PO47 - Current Status of the Control System at Research Center for Electron Photon Science, Tohoku University

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Research Center for Electron Photon Science (ELPH) of Tohoku University operates three electron linear accelerators (linacs) and an electron synchrotron for various scientific fields, such as radioisotope production, proton radius measurement, and hadron physics experiments. One of the linacs, operational since 1967, is outdated and frequently malfunctions. Our team of about eight people, consisting of faculty and technical staff, responds to these malfunctions. In addition, we handle the maintenance and modification of all other accelerators as well. Notwithstanding the small number of members, the team also takes care of a wide variety of tasks including control system development. In order to carry out control system development under these conditions, we have been reducing the workload. In this presentation, we will discuss the pros and cons of the current control system at ELPH so as to share our approach for maintaining and improving these systems.

Presenter: NAGASAWA, Ikuro (Tohoku-U)

Session Classification: Poster / Demo Sessions