Contribution ID: **133** Type: **talk**

J-PARC Hadron Hall extension project

Friday, 1 July 2022 12:30 (20 minutes)

The J-PARC Hadron Experimental Facility was constructed with an aim to explore the origin and evolution of matter in the universe through the experiments with intense particle beams. In the past decade, many results on particle and nuclear physics have been obtained at the present facility. To expand the physics programs to unexplored regions never achieved, the extension project of the Hadron Experimental Facility has been extensively discussed. We will discuss the physics of the extension of the Hadron Experimental Facility for resolving the issues in the fields of the strangeness nuclear physics, hadron physics, and flavor physics.

Primary author: SAKUMA, Fuminori (RIKEN)

Co-author: ON BEHALF OF TASKFORCE ON THE EXTENSION OF THE HADRON EXPERIMENTAL FACILITY

Presenter: SAKUMA, Fuminori (RIKEN)

Session Classification: 5; Fri-II