ICEPP Joint Research Program in FY2018

Research Project Title	Representative and Project Organization
Studies of the ATLAS muon trigger system upgrade	Hisaya Kurashige (Kobe University) and 4 researchers (Kobe University, KEK, Tokyo Metro University, ICEPP)
Studies of Micro-Megas detector for the ATLAS muon system upgrade	Atsushi Ochi (Kobe University) and 6 researchers (Kobe University, ICEPP)
Development of the new muon trigger combining calorimeter and muon information	Masaya Ishino (ICEPP) and 4 researchers (Kyoto University, ICEPP)
Search for new particles decaying to two vector-bosons with the ATLAS detector	Toshi Sumida (Kyoto University) and 6 researchers (Kyoto University, ICEPP)
Development of the data readout electronics with high-density and high-speed links for the ATLAS Liquid-Argon calorimeter	Tomohisa Uchida (KEK) and 7 researchers (KEK, ICEPP)
Development of the muon trigger system for the LHC Run-3	Junpei Maeda (Kobe University) and 10 researchers (KEK, Kyoto University, Kobe University, ICEPP)
Studies for extension of the grid computing system towards High-Luminosity LHC program	Tomoaki Nakamura (KEK) and 3 researchers (ICEPP)
Studies of high-speed network technologies for large-scale computing system	Yasushi Nagasaka (Hiroshima Institute of Technology) and 1 researcher (ICEPP)
Research on the background and sensitivity of the MEG experiment	Wataru Ootani (ICEPP) and 10 researchers (KEK, Kyushu University, INFN-Pisa, INFN-Rome, ICEPP)
Studies to improve the performance of the Liquid Xenon detector for the MEG experiment	Satoshi Mihara (KEK) and 6 researchers (ICEPP, Kyushu University, University of California, Irvine)
Experimental studies for long-term operation of the cryogenic and purification system for the liquid Xenon detector of the MEG experiment	Yasuhiro Makita (KEK) and 7 researchers (ICEPP, KEK, PSI/University of Pisa)
Studies to improve the performance of the electron spectrometer for the MEG experiment	Hajime Nishiguchi (KEK) and 6 researchers (KEK, ICEPP, INFN-Roma)
Development of the fine-grained hadronic calorimeter for the ILC experiment	Tohru Takeshita (Shinshu University) and 4 researchers (Kyushu University, ICEPP, Shinshu University)
Studies of the electro-symmetry breaking mechanism in the ILC experiment	Keisuke Fujii (KEK) and 8 researchers (KEK, ICEPP, Kyushu University, Nippon Dental University)
Development of the fine-grained electro-magnetic calorimeter for the ILC experiment	Tamaki Yoshioka (Kyushu University) and 4 researchers (Kyushu University, ICEPP, KEK)