

Institute of Advanced Sciences

先端科学高等研究院

34th Seminar of Research Unit for Extremely Energy-Efficient Processors 超省エネルギープロセッサ研究ユニット 第34回セミナー

Date: 13:30 – 14:30, September 9 (Friday) 2022
日程: 2022年9月9日（金）13:30～14:30

Place: Exercise room 2
場所: 演習室 II (電子情報工学棟 4 階)

【Program】

"Recent research activities in CiS"

Prof. Thomas Ortlepp, CiS Germany

"Design and Demonstration of an Adiabatic Quantum-Flux-Parametron 8-bit Adder
With Delay-Line Clocking"

Taiki Yamae, YNU

"Pulse-density-modulated microwave generator using single-flux-quantum circuits
for controlling qubits"

Akira Kunihiro, YNU

"Arbitrary envelope signal generator for modulating microwave by cryo-CMOS"

Hongxiang Shen, YNU

"Design of a hybrid superconductor logic computation system using single flux
quantum and adiabatic quantum-flux-parametron logic families"

Tomoyuki Tanaka, YNU