

■Doctoral thesis oral defense (completion expected March 2026)

【Circuit】 Date : Jan. 15th, 2026 Venue : S3-201					
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title
11:00 ~ 12:30	Yudai Yamazaki	Electrical and Electronic Engineering	Kenichi Okada		A Study of Millimeter-Wave Phased-Array Transceiver for 100Gbps MIMO Mobile Communications
【Circuit】 Date : Jan. 6th, 2026 Venue : Room 1, Daigaku-Kaikan, Suzukake					
15:00 ~ 17:00	Shinji Sugatani	Electrical and Electronic Engineering	Hiroyuki Ito		ウェハボンド後スルーホール形成するビアラストTSVの半導体デバイスへの応用の研究
【Circuit】 Date : Jan. 13th, 2026 Venue : S9-605					
11:00 ~ 13:00	Wang Xiaolin	Electrical and Electronic Engineering	Atsushi Shirane	Kenichi Okada	A Study on Power-Efficient CMOS Phased-Array Transmitters for High Speed Satellite Communications
【Device】 Date : January 6th, 2026 Venue : Rm. 201, South Bldg. 3					
15:30 ~ 17:00	Ryutaro Matsuoka	Electrical and Electronic Engineering	Tetsuo Kodera		Noise Evaluation Methods toward Semiconductor Quantum Computing
【Device】 Date : Jan. 16th, 2026 Venue : Room 1, Daigaku-Kaikan, Suzukake					
15:00 ~ 16:30	Fan Zhiyuan	Electrical and Electronic Engineering	Masahiro Watanabe		Fundamental Study of Near-Infrared Quantum Cascade Lasers using Si/CaF ₂ Heterostructures on SOI Substrate
【Materials】 Date : 2026/1/5 (Mon) Venue : S3-201					
13:00 ~ 15:00	Liu Min	Electrical and Electronic Engineering	Pham Nam Hai		Spin Hall effect magnetic field sensor
15:00 ~ 16:30	Zhang Ruixian	Electrical and Electronic Engineering	Pham Nam Hai		Study on topological insulator BiSb and CoFeB with perpendicular magnetic anisotropy for spin-orbit torque magnetoresistive random access memory
【Materials】 Date : 2026/1/20 (Tue) Venue : S3-201					
10:30 ~ 12:00	Hajime Nishiyama	Electrical and Electronic Engineering	Pham Nam Hai		Optical characterization and device application of BiSb in the infrared region
【Materials】 Date : 2026/1/8 (Thr) Venue : Suzukakedai Daigakukaikan Meeting room 1					
15:00 ~ 17:00	Kentaro Mishiba	Electrical and Electronic Engineering	Hiroaki Iino		Study on Functional Alkynylborane Compounds for Stable Organic Semiconductor Materials
【Power】 Date : 6 January, 2026 Venue : South 2nd Build., S222					
15:30 ~ 17:00	Kyogo Umano	Electrical and Electronic Engineering	Hideaki Fujita		Active Gate Drive Method for Series-Connected Power Devices to Improve Voltage-Sharing Performance against Load Changes