

■ Doctoral thesis oral defense (completion expected March 2017)

【Power】 Date : December 26, 2016 (Mon) Venue : W8-e1001						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1	9:00 ~ 10:30	Yoshihiko Oda	EE	Chiba		"Studies on Electrical Steel Sheet for High Performance with Sulfur Reduction and Si Enhancement"
2	10:45 ~ 12:15	Yuhei Okazaki	EE	Akagi		"Medium-Voltage Adjustable-Speed Motor Drives Using Modular Multilevel Cascade Indirect AC/AC Conversion Systems"
3	13:20 ~ 14:50	Sochor Paul Lukas	EE	Akagi		"Study of Modular Multilevel Cascade Inverters for Utility-Scale Photovoltaic Systems"
4	15:05 ~ 16:35	Tomoyuki Mannen	EE	Fujita		"Control and Analysis Based on Detailed Circuit Modeling of Three-Phase Active Power Filters for Size Reduction and Lifetime Extension"
【Wave】 Date : 2016/12/21 (wed) Venue : S3-201						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1	16:20 ~ 17:50	Takuro Tajima	Electrical and Electronic Engineering	Jiro Hirokawa	Makoto Ando	Study of hollow aperture antennas using axial post-wall laminated substrates for terahertz wireless communications
【Wave】 Date : 2016/12/26 (Fri) Venue : S9-605						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
2	13:00 ~ 14:30	Yusuke Hayashi	Electrical and Electronic Engineering	Nobuhiko Nishiyama	Shigehisa Arai	Study of III-V/Si Hybrid Photonic Active Devices using Plasma Activated Bonding
3	14:45 ~ 16:15	Takuo Hiratani	Electrical and Electronic Engineering	Shigehisa Arai	Nobuhiko Nishiyama	Study of Membrane Distributed-Reflector Lasers for On-chip Optical Interconnection
【Wave】 Date : 2017/1/6 (Fri) Venue : S9-605						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
4	10:45 ~ 12:15	Kengo Miura	Electrical and Electronic Engineering	Tetsuya Mizumoto		Study of silicon waveguide wavelength selective switch
【Wave】 Date : 2016/12/19 (mon) Venue : S3-201						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
5	17:00 ~ 18:30	Yu Tao	Electrical and Electronic Engineering	Kei Sakaguchi	Makoto Ando	Design of Networked Control System using Distributed Wireless Sensors

【Material】 Date : 5 January 2017 Venue : S3-201					
Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1 13:00 ~ 14:30	Takeshi Umihara	Physical Electronic	Akira Yamada		Characterization and design of high efficiency wide-bandgap Ag(In,Ga)Se ₂ solar cells
2 14:40 ~ 16:10	Mitsunobu Okuda	Physical Electronic	Shigeki Nakagawa		Study of read/write control on magnetic nanowire memory using current driven domain wall motion by spin transfer torque

【Device G】 Date : H29. 1. 4 (Wed.) Venue : S9-605					
Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1 15:00 ~ 16:30	Junichi HASEGAWA	Physical Electronics	Mutsuko HATANO	Tetsuo KODERA	Investigation of the influence of crystal defects and interface traps on SiC power device characteristics

【Circuits】 Date : Dec. 21, 2016 Venue : Rm. 201, South Bldg. 3					
Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1 16:00 ~ 17:30	Aravind Tharayil Narayanan	Physical Electronics	Kenichi Okada	Akira Matsuzawa	A Study of Low-Jitter CMOS Clock Generator
2 17:30 ~ 19:00	Yang Dongsheng	Physical Electronics	Kenichi Okada	Akira Matsuzawa	A Study of Synthesizable Phase-Locked Loop for Clock Generation