

■ Doctoral thesis oral defense (completion expected March 2018)

【Power】 Date : 2017/12/26 (Tue) Venue : W8E-1001						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1 2 3	10:45 ~ 12:15	Kosuke Tachibana	Electrical and Electronic Engineering	Yasuoka		Location of the reaction field induced by short-lived active species in atmospheric pressure argon plasma in the vicinity of gas-liquid interface
	13:20 ~ 14:50	Kazuto Takagi	Electrical and Electronic Engineering	Fujita		Study of an Isolated Power Conversion Circuit for Low-Voltage Three-phase Grid Connection Equipped With an Instantaneous Reactive Power Compensator
	15:00 ~ 16:30	Ryota Suganuma	Electrical and Electronic Engineering	Yasuuuoka		Study of non-odorous sterilization system in weak acid solution by plasma over water surface
【Wave】 Date : 2018/1/10(Wed) Venue : S9-605						
	Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title
1 2	9:00 ~ 10:30	Zhichen Gu	Electrical and Electronic Engineering	Shigehisa Arai	Nohuhiko Nishiyama	Study of Membrane Photodiodes and Photonic Wire Bonding for Intra- and Inter-chip Optical Interconnections
	10:45 ~ 12:15	Junichi Suzuki	Electrical and Electronic Engineering	Nohuhiko Nishiyama	Shigehisa Arai	Study of Fabrication Technology for GaInAsP/SOI Photonic Integrated Circuits using Plasma Activated Bonding
【Electronic materials】 Date : 2018/1/5 (Fri) Venue : EEI-4F-411						
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
1 2 3	13:15 ~ 14:45	Yuki Takiguchi	Physical Electronics	Shinsuke Miyajima		Study of Cu ₂ O Based Heterojunction Devices for Solar-to-Hydrogen Conversion
	14:50 ~ 16:20	SADONO ADIYUDHA	Physical Electronics	Akira Yamada		Study of Cu(In,Ga)Se ₂ Solar Cells on Flexible Substrate
	16:25 ~ 17:55	Takahito Nishimura	Physical Electronics	Akira Yamada		Study of Heterojunction Interface for High-efficient Cu(In,Ga)Se ₂ solar cells

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1	【Device】 2018/1/9(Tue.) Venue : S9-605					
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
	11:00 ~ 12:30	Junya Yaita	Physical Electronics	M. Hatano	T. Kodera	Study of diamond heteroepitaxy on Si substrates for power and sensor devices
3	【Device】 2018.1.11(Thu.) Venue : S3-201					
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
	10:30 ~ 12:00	Daichi Suzuki	Physical Electronics	Y. Kawano		A Study on a Flexible Terahertz Camera for Omnidirectional Non-Destructive Inspections
4	【Device】 2018/1/16(Tue.) Venue : S9-605					
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
	10:00 ~ 11:30	Xiangying Deng	Physical Electronics	Y. Kawano		A study on plasmonic devices for sub-wavelength terahertz sensing and analysis
1	【Circuits】 Date : 2017/12/ 22(Fri.) Venue : Rm. 201, South Bldg. 3					
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
	13:00 ~ 14:30	Korkut Kaan Tokgoz	Physical Electronics	Kenichi Okada	Akira Matsuzawa	Millimeter-Wave CMOS Transceiver Toward More Than 100Gb/s
2	【Circuits】 Date : 2018/1/16(Tue.) Venue : Rm. 201, South Bldg. 3					
	Presentation time	Name	Department	Supervisor	Co-supervisor	Doctoral thesis title
	17:00 ~ 18:30	Abdel Martinez Alonso	Physical Electronics	Akira Matsuzawa	Kenichi Okada	A Study of High-Speed Direct Digital Frequency Synthesizer Solutions in CMOS Technology
3	18:30 ~ 20:00	Tohru Kaneko	Physical Electronics	Akira Matsuzawa	Kenichi Okada	A Study of Wide Bandwidth Analog Baseband Circuit Techniques