

## ■ Doctoral thesis oral defense (completion expected March 2021)

We will use video conference system.  
 \*Faculty members and students in Graduate major in Electrical and Electronic Engineering of Tokyo Tech can obtain the Zoom URL form the web site of Dept. of E&E Eng.

【Circuit/Wave①】 Date : December 23, 2020 Venue : Zoom						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
9:00 ~ 10:30	Jun Goto	Electrical and Electronic Engineering	Hirokawa		Study of Miniaturization and High Functionalization of Radiating Elements for Array Antennas on Moving Platforms	Please contact Prof. Jiro Hirokawa for further information. E-mail: jiro@ee.e.* (Please replace "*" with "titech.ac.jp")
【Circuit/Wave②】 Date : 2021/01/18 Venue : Zoom						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
13:00 ~ 14:30	Kyosuke Shimura	Electrical and Electronic Engineering	Fumio Koyama		Study on beam scanner integrated VCSELS	Please contact Prof. Fumio Koyama for further information. E-mail: koyama@pi.* (Please replace "*" with "titech.ac.jp")
【Circuit/Wave②】 Date : 2021/01/19 Venue : Zoom						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
15:00 ~ 16:30	Yuhuan Zhou	Electrical and Electronic Engineering	Tomoyuki Miyamoto		LED-based Portable Optical Wireless Power Transmission for Compact IoT	Please contact Prof. Tomoyuki Miyamoto for further information. E-mail: tmiyamot@pi.* (Please replace "*" with "titech.ac.jp")
<del>【Circuit/Wave①】 Date : Jan. 25th, 2021 Venue : Zoom Canceled</del>						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
<del>10:00 ~ 11:30</del>	<del>HOSHINO Kenji</del>	<del>Electrical and Electronic Engineering</del>	<del>FUJII Teruya</del>	<del>SAKAGUCHI Kei</del>	<del>Network Coordinated Interference Suppression Techniques in Cellular Radio Communication Systems</del>	<del>Please contact Specially Appointed Prof. Teruya Fujii for further information. E-mail: fujii@mobile.ee.* (Please replace "*" with "titech.ac.jp")</del>
【Device】 Date : January 7th 2021 (Thu) Venue : Online						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
12:30 ~ 14:00	Kosuke Mizuno	Electrical and Electronic Engineering	Mutsuko Hatano	Takayuki Iwasaki	Quantum Diamond sensors and imagers using Dynamical Decoupling method	Please contact Prof. Mutsuko Hatano for further information. E-mail: hatano.m.ab@m.* (Please replace "*" with "titech.ac.jp")
【Device】 Date : 01/06/2021 Venue : Online						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
10:30 ~ 12:00	Takuya Okamoto	Electrical and Electronic Engineering	Yukio Kawano		Spatially resolved nanoscale measurements of optical-field vector using near-field light	Please contact Prof. Yukio Kawano for further information. E-mail: kawano@pe.* (Please replace "*" with "titech.ac.jp")
【Device】 Date : Jan. 14th, 2021 Venue : Zoom						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
13:00 ~ 14:30	Junji Kataoka	Electrical and Electronic Engineering	Kuniyuki Kakushima		A Study on Low Resistance Ohmic Contact for AlScN Channel MOSFET	Please contact Prof. Kuniyuki Kakushima for further information. E-mail: kakushima.k.aa@m.* (Please replace "*" with "titech.ac.jp")
14:30 ~ 16:00	Jinhan Song	Electrical and Electronic Engineering	Kuniyuki Kakushima		A Study on Rare Earth Gate Dielectrics for SiC MOSFET	Please contact Prof. Kuniyuki Kakushima for further information. E-mail: kakushima.k.aa@m.* (Please replace "*" with "titech.ac.jp")

【Device】 Date : 2021.1.12 (Tue) Venue : Web online meeting (Zoom)						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
5 15:00 ~ 16:30	Kyung Eun Park	Electrical and Electronic Engineering	Shun-ichiro Ohmi		A study on the low work function N-doped LaB <sub>6</sub> metal layer and high-k LaB <sub>x</sub> N <sub>y</sub> insulator formations utilizing RF sputtering for device applications	Please contact Prof. Shun-ichiro Ohmi for further information. E-mail: ohmi@ee.e.* (Please replace "*" with "titech.ac.jp")
【Power】 Date : 2020/12/28 (Mon) Venue : zoom						
Presentation time	Name	Graduate Major	Supervisor	Co-supervisor	Doctoral thesis title	How to apply
1 13:30 ~ 15:00	Kenichiro Saito	Electrical and Electronic Engineering	Makoto Hagiwara		Study of a Real-Time Real-Power Motor Emulator Using a Multilevel Converter	Please contact Prof. Makoto Hagiwara for further information. E-mail: hagiwara@ee.e.* (Please replace "*" with "titech.ac.jp")
2 15:30 ~ 17:00	Hamzeh Jamal Ahmad Ahmad	Electrical and Electronic Engineering	Makoto Hagiwara		Study of non-isolated bidirectional choppers with auxiliary converters for onboard energy storage systems	Please contact Prof. Makoto Hagiwara for further information. E-mail: hagiwara@ee.e.* (Please replace "*" with "titech.ac.jp")

※ 【Material】 Not Aplicable

2021.1.20