



先魁プロジェクト
SAKIGAKE PROJECT
Kanazawa University

APSPST-11
the 11th Asia-Pacific International Symposium on
the Basics and Applications of Plasma Technology

The 2nd International Workshop on Plasma Technology for

Diamond Growth and Diamond Device Fabrication

as special workshop of APSPST-11

Date: 13th Dec. 2019

Location: T-2, The Kanazawa Chamber of Commerce & Industry, 9-13 Oyama-cho,
Kanazawa 920-8639, Japan

Chairperson: Norio Tokuda

Organized by:

- International Organizing Committee of APSPST

- Kanazawa University SAKIGAKE Project 2018

Center of Excellence for Next-generation Electronics for Fabrication of Innovative Devices

- Nanomaterial Research Institute, Kanazawa University

Program

			Chair: Norio Tokuda
15:00 - 15:05	5 min	Opening	Norio Tokuda Kanazawa University
15:05 - 15:30	25 min	Advances in diamond applications, progress and challenges	Christoph E. Nebel Fraunhofer Institute/Kanazawa University
15:30 - 15:55	25 min	CVD grown diamond films and devices for harsh-environment applications	Hitoshi Umezawa National Institute of Advanced Industrial Science and Technology (AIST)
15:55 - 16:05	10 min	Break	
			Chair: Satoshi Yamasaki
16:05 - 16:30	25 min	Power Diamond p-FETs for High Frequency and Power Complementary Circuits with Other Wide Bandgap Semiconductor n-FETs	Hiroshi Kawarada Waseda University
16:30 - 16:55	25 min	Inspection of pseudo normally-off operation of ferroelectric gate diamond FET with partially O-terminated channel structure	Kawae Takeshi Kanazawa University
16:55 - 17:00	5 min	Closing	Satoshi Yamasaki AIST/Kanazawa University

Registration: Please contact tokuda@se.kanazawa-u.ac.jp (Norio Tokuda, Kanazawa University)