

# Prospect of the 2D materials for electronic applications

Date

November 24<sup>th</sup>, 2021 9:30 -12:30 in Japan  
November 23<sup>rd</sup>, 2021 18:30 -21:30 in USA  
November 24<sup>th</sup>, 2021 8:30 -11:30 in Malaysia

Venue

To be held Online between Japan, USA and Malaysia

## WELCOME ADDRESS

9:30 - 9:35 in JST  
18:30 - 18:35 in CST  
8:30 - 8:35 in MYT

**Yasuki Ishizaki (President of Gunma University)**

## TALK

9:35 - 10:20 in JST  
18:35 - 19:20 in CST  
8:35 - 9:20 in MYT

Two-Dimensional Neuromorphic Computing Materials and Devices  
**Mark C. Hersam (Northwestern University, USA)**

10:20 - 11:05 in JST  
19:20 - 20:05 in CST  
9:20 - 10:05 in MYT

In-situ observation of surface chemical processes  
including hydrogen on 2D materials  
**Jun Yoshinobu (ISSP, The University of Tokyo, Japan)**

11:05 - 11:50 in JST  
20:05 - 20:50 in CST  
10:05 - 10:50 in MYT

Development of Chemical Recognition Function  
for MoS<sub>2</sub> Field-Effect-Transistor (FET) Sensor  
**Tadahiro Komeda (IMRAM, Tohoku University, Japan)**

11:50 - 12:25 in JST  
20:50 - 21:25 in CST  
10:50 - 11:25 in MYT

Graphene FET for Biosensor Applications  
**Ruslinda Binti A. Rahim (INEE, UniMAP, Malaysia)**

## CLOSING REMARKS

12:25 - 12:30 in JST  
21:25 - 21:30 in CST  
11:25 - 11:30 in MYT

**Minoru Hanaya (GIAR Director)**

Organizer: Md. Zakir Hossain (GIAR, Gunma University)



**Zoom address with registration:**

**<https://zoom.us/meeting/register/tJYsduqhqTkpGtYCrtz3FYGMwMraXZiVb8Hm>**

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