

The 7th International Symposium of Gunma University Initiative for Advanced Research (GIAR)

Date Thursday, January 9, 2020
13:00 - 18:10

Venue Kiryu City Performing Arts Center

WELCOME ADDRESS

13:00 - 13:05 **Hiroshi Hiratsuka (President of Gunma University)**

[SESSION 1] Fluorine Chemistry

[Chair: Hideki Amii]

13:10 - 14:10 "C-F Bond: from Formation to Activation"

Norio Shibata (Nagoya Institute of Technology)

14:10 - 14:40 "From "Silent Spring" to PFOA Concern and Fluoroalkyl Radicals"

Yong Guo (Shanghai Institute of Organic Chemistry)

[SESSION 2] Silicon Chemistry

[Chair: Masafumi Unno]

14:40 - 15:10 "Preparation and Functionalization of Nano-objects Based on Heteroelements"

Armelle Ouali (Institut Charles Gerhardt Montpellier/GIAR International Open Laboratory)

15:10 - 15:40 "Polyhedral Silsesquioxanes with Organic Tails for Self-assembled Materials"

Jun Matsui (Yamagata University)

15:40 - 16:10 COFFEE BREAK

[SESSION 3] Carbon Chemistry

[Chair: Md. Zakir Hossain]

16:10 - 16:30 "Fastest Synthesis of Black Phosphorus and Lingering the Stability at Ambient Condition"

Md. Zakir Hossain (GIAR)

16:30 - 17:00 "Spins of Molecules Adsorbed on Surfaces; Detection and Application for Quantum Information Process"

Tadahiro Komeda (Tohoku University)

17:00 - 18:00 "Surface Science Studies of Graphene Grown on Transition Metal Surfaces"

Michael Trenary (University of Illinois at Chicago)

CLOSING REMARKS

18:05 - 18:10 **Kenji Kubota (GIAR Director/ Vice President of Gunma University)**

Organizer: Masashi Sonoyama, Hideki Amii (Gunma University)

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