

Main Group Element Chemistry Workshop 2025  
(MGECW-2025)  
Celebrating the Retirement of Dr. Vladimir Ya. Lee

• **Purpose of the workshop**

Compounds containing various main group elements such as phosphorus, sulfur, and silicon serve not only as essential raw materials for a wide range of organic industrial chemistry applications—including pharmaceuticals, agrochemicals, polymers, and electronics—but also hold special significance as potential substitutes for rare metal elements in response to energy resource challenges. The field of main group element chemistry focuses on understanding the properties of individual elements and how these properties generate compound diversity. It seeks to systematically elucidate the distinct characteristics of these elements, with an emphasis on the unique bonding diversity of main group elements. Given this context, recent research has focused intensively on creating novel materials based on heavier main group elements such as a silicon, leading to the synthesis of many new compounds with valuable functions. It is expected that further leveraging the unique properties of these elements will enable the development of new functional materials and novel reactions. This Main Group Element Chemistry Workshop aims to establish a robust collaborative research network among leading researchers across Japan who are advancing the field of main group element chemistry. We are honored to invite prominent researchers to deliver keynote lectures and to convene a gathering of early-career researchers and graduate students engaged in main group element research. This seminar provides a valuable platform for meaningful discussions through the presentation of research findings, as well as for in-depth dialogue and debate during poster sessions.

• **Details**

1<sup>st</sup> March 2024 (Sat.) 9:30~20:00

Tennodai 1-1-1, Tsukuba, Ibaraki 305-8571, JAPAN

University of Tsukuba: Sougou-Kenkyu Bulding B-110/112

• **Invited Lecturers**

Norihisa FUKAYA (AIST), Naokazu KANO (Gakushuin Univ.), Norio NAKATA (Saitama Univ.), Masafumi UNNO (Gunma Univ.), Tomohiro AGOU (University of Hyogo), Kei GOTO (Sci. Tokyo Univ.), Masaichi SAITO (Saitama Univ.), Takeaki IWAMOTO (Tohoku Univ.), Tsukasa MATSUO (Kindai Univ.), Masaaki NAKAMOTO (Hiroshima Univ.), Masato NANJO (Tottori Univ.), Vladimir Ya. LEE (Univ. of Tsukuba)

• **Participation Guidelines**

Please send an email to the organizing committee chair by December 26, 2024, including the following information: (1) Participant's full name (2) Affiliation (3) Position/Academic year (4) Contact information (email address)

• **Registration Fees (Exclusion from Taxation)**

General participants: ¥3,000 Students: ¥1,000

(Please pay the fee at the registration desk on the day of the seminar.)

• **Organizers, Co-organizers, and Contacts**

Dr. Vladimir Ya. Lee, Dr. Takahiro Sasamori

Sasamori Laboratory, University of Tsukuba

(contact)

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