

First Circular and Call for Papers

# The 30<sup>th</sup> International SPACC Symposium

-Functional materials and coordination compounds for a sustainable society-

June 5-7, 2025 National University of Singapore, Singapore

Organized by The Society of Pure and Applied Coordination Chemistry

Sponsored by World Scientific Publishing Co. Pte. Ltd. Functional Material Society

### Invitation

The 30<sup>th</sup> International Symposium of the Society for Pure and Applied Coordination Chemistry (SPACC30) will be held at the National University of Singapore from 5 to 7 June 2025. The International SPACC Symposium is held annually with the aim of promoting young researchers, including students, who can be active internationally, and pioneering new research fields beyond established fields together with leading scientists. The symposium focuses on the design of highly ordered systems containing metal ions and contributes to the innovative applications of artificial biosystems such as biologically active metal complexes and metalloproteins, as well as promising materials and devices such as sensors and photoenergy applications, to construct a sustainable society.

The 30<sup>th</sup>-anniversary symposium will be more meaningful than ever with a plenary lecture by Prof. Domen. In addition to this special lecture, the symposium will also feature keynote speeches, invited lectures, and oral and short-oral presentations. Prizes will be awarded for outstanding student presentations. A special issue on the symposium will be published in the "Functional Materials Letters." The Organizing Committee and the International Advisory Board look forward to your participation. The official language of the symposium will be English. The following pages contain details about the Symposium. We look forward to meeting you at the National University of Singapore.

# **Important Deadlines**

Registration: **April 30** Payment for registration fee\*: **April 30** Application of all presentations: **April 30** Abstract submission: **April 30** 

\*Only bank transfers will be available for the registration fee. Participants except from Japan and those after the deadline must pay the designated fee by SGD at the symposium site.

# Advisory & Organizing Committee

# Chairperson:

Wee Han Ang	National University of Singapore (NUS)	
Co-chairperson:		
Mitsunobu Sato Li Lu	President of SPACC/Kogakuin University of Technology & Engineering President of FMS/NUS and NUS (Chongqing) Research Institute	
Secretary:		
Yumei Wang Hiroki Nagai	NUS (Chongqing) Research Institute Kogakuin University of Technology & Engineering	

# Committee member:

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Haruo Akashi	Okayama University of Science	
Kozo Fukumoto	University of the Ryukyus	
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Ikuo Nakanishi	National Institutes for Quantum Science and Technology	
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Toshifumi Satoh	Hokkaido University	
Kei Takeda	Takeda Rika Kogyo Co. Ltd	
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# International Advisory Board:

Guo Qin Xu	National University of Singapore		
Cheng-Hsin Chuang	Southern Taiwan University of Science and Technology		
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James Wright	Auckland University		
Handong Yin	Liaocheng University		

# Correspondence

All correspondence concerning the Symposium should be addressed to: Hiroki Nagai Oxide Electronics Group, Department of Applied Physics, School of Advanced Engineering, Kogakuin University of Technology & Engineering E-mail: spacc30@gmail.com

#### Venues; National University of Singapore

#### Thursday, June 5



The-ridge-bar, Graduate Club The Graduate Club 2<sup>nd</sup> floor, NUSS, 9 Kent Ridge Drive, Singapore 119241

Friday, June 6

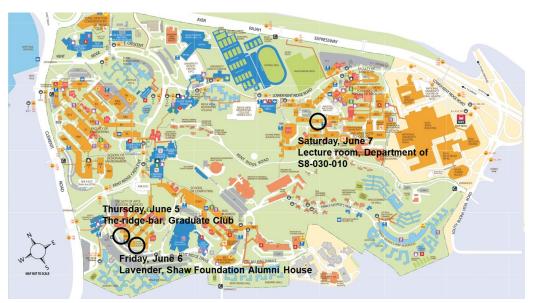


Lavender, <u>Shaw Foundation Alumni House</u> Lavender, Shaw Foundation Alumni House, 11 Kent Ridge Dr, Singapore 119244

Saturday, June 7



**S8-030-010, Lecture room, Department of Chemistry** Faculty of Science, 6 Science Drive 2 Singapore 117546



#### Internal Shuttle Bus

https://uci.nus.edu.sg/campus-life/campus-services/transportation/internal-shuttle-bus/

#### Scientific Program (Tentative)

The Scientific Program will include Plenary, keynote, and Invited lectures, and Oral and Shortoral presentations (ignite session).

Thursday, June 5, The Graduate Club 2<sup>nd</sup> floor, NUSS, 9 Kent Ridge Drive, Singapore 119241

- Registration (18:00---)
- Cocktail party at Graduate Club (18:30---20:30)

Friday, June 6, Lavender, Shaw Foundation Alumni House, 11 Kent Ridge Dr, Singapore 119244

- Registration (8:30---)
- Opening (9:00)
- · Morning Session; Plenary, Keynote, and Invited Lectures
- Lunch & College Town Tour
- · Afternoon Session; Invited Lectures & Short-Oral Presentations (Ignite Session)
- Symposium Mixer at Graduate Club (18:30---20:30)

#### Saturday, June 7, <u>S8-030-010</u>, Faculty of Science, 6 Science Drive 2 Singapore 117546

- Morning Session; Invited Lectures & Oral Presentations (8:30---)
- Student Award Ceremony & Closing
- Department of Chemistry Tour

#### **Presentation Type**

#### Oral Session (Presentation 15 min + Q&A 5 min)

#### Short-oral Session (Ignite session, Presentation 4 min + Q&A 1 min):

Your presentation will be part of a special type of session at SPACC30th, the Ignite sessions. These occur at events and conferences worldwide and are a growing trend in conference planning. The student award will be chosen from this session.

- Ignite sessions consist of 4-minute presentation. The visual presentation using PowerPoint will have 8 slides, 30 seconds per slide, with timing preset. You can explore Ignite at http://igniteshow.com
- 2. Presentation slides should be copied to a PC at the conference venue before the session.

#### **Plenary Speaker**



**Prof. Kazunari DOMEN** graduated from the Department of Chemistry, Faculty of Science, The University of Tokyo, in 1976, and completed his Ph.D. at the Graduate School of Science, The University of Tokyo, in 1982. He has held various prestigious positions, including professor roles at Tokyo Institute of Technology and The University of Tokyo. He is now a distinguished Professor at Shinshu University and The University of Tokyo. He devoted his research career in catalysis to the development of water splitting. In photocatalysis, layered oxide photocatalysts and oxynitride and oxysulfide photocatalysts with

visible-light response have been developed. Prof. Domen has been named a 2024 Clarivate Citation Laureate in Chemistry. As is well known, Clarivate Analytics has been presenting top candidates for the Nobel Prize every year since 2002 based on analysis of citation data from academic publications.

#### Keynote Speakers



**Prof. Wee Han ANG** graduated with a BSc with First Class honours from the Imperial College of London, UK in 1995. After a military stint in the Republic of Singapore Navy, he obtained a PhD in medicinal inorganic chemistry with Prof Paul Dyson at the Ecole Polytechnique Federale de Lausanne, Switzerland in 2007. He later worked with Prof. Stephen Lippard at the Massachusetts Institute of Technology, USA as a postdoctoral research fellow before joining the National University of Singapore in 2009 to begin his

independent research career, where he has been since. His research program focusses on the development of metal-based compounds for cancer therapy and rare diseases.



**Prof. Shu YIN** received a Ph.D. degree in applied chemistry from Tohoku University (research period shortened) in 1999. He was a research assistant at the ICRS in 1999, then a lecturer and associate professor at the Institute of Multidisciplinary Research for Advanced Materials (IMRAM), Tohoku University in 2005, and then a full-time professor in 2016. His research interests include morphological control of nanostructured materials, photocatalytic materials, UV-IR shielding smart window materials, 2D gas sensing materials, hydrothermal/solvothermal process, soft chemical synthesis etc.

#### **R**egistration form

Google Forms is used for registration. Please register from the below URL. https://sites.google.com/view/spacc-30th/home

Please note the deadline (April 30). If you do not want to create a Google account or have other special circumstances, please copy and paste the following form, fill it out, and send the form via e-mail to Hiroki Nagai (spacc30@gmail.com) with "Registration SPACC30 + your name" as the subject.

Registration form Name: Title: Affiliation: SPACC member (yes or no): Student (yes or no): Grade (if you are a student): Symposium Mixer (yes or no): E-mail:

#### **Registration Fee**

Registration Type		Registration Fee
March on (Defense A nr. 20)	General	JPY30,000
Member (Before Apr. 30)	Student	JPY15,000
Non-member and those who	General	SGD450
register after May 1	Student	SGD200

The cocktail party is complimentary.

#### Symposium Mixer Fee

General JPY10,000, Student JPY5,000 (On-site: General SGD150, Student SGD75)

#### Payment

The following bank account is valid for your payment from Japan before Apr. 30<sup>th</sup>.

Bank Name: Japan Post Bank (ゆうちょ銀行) Branch name: 019

Account name: The Society of Pure and Applied Coordination Chemistry (先端錯体工学研究会)

Account number: 0773549 (当座)

Please input the registration "SPACC30" before your name.

Only on-site payment by cash is valid for the Non-member and those who resister after May 1st.

#### Abstract submissions for presentations

Abstract submissions should be made via the Google Form below. https://sites.google.com/view/spacc-30th/home

The file name of your abstract should be "SPACC30 + your name". Only Acrobat PDF files will be accepted. The deadline for abstract submission would be April 30.

If you do not want to create a Google account or have other special circumstances, please use copy and paste the following form, complete it, and send the form via e-mail to Hiroki Nagai (spacc30@gmail.com) with "Presentation for SPACC30 + your name" as the subject.

Presentation type\* (Oral or Short-oral): Title of the presentation: Author's Name(s): Affiliation(s): Address: Presenter: Course type/Grade (if the presenter is a student): Student Award (Apply or not apply, if you request the Short-oral): E-mail:

\* Please note that due to scheduling constraints, even if you have requested a 15-minute oral presentation, the committee may move your presentation to the Ignite session.

#### Abstract preparation guidelines

1. The abstract should be submitted in English, the official language of the symposium.

2. As the submitted abstract will be printed and reproduced directly without any editing, special care should be taken to ensure high quality of text and diagrams.

3. Authors can download the abstract template from the website (<u>http://spacc.gr.jp</u>).

#### **Special Issue**

We cordially invite your active participation and discussion in this symposium as well as your submissions to special issue of Functional Materials Letters. https://viewstripo.email/9f74e342-fcad-40a8-ac87-1d80351cecd11739145002953