

July 15, 2025

# INVITATION

**FY2025 FNCA Workshop on Radiation Processing and Polymer Modification Project**  
**December 16 - 19, 2025**  
**Bangkok, Thailand**

Dear Ms. Lili XIAO,

I am pleased to extend an invitation to FY 2025 FNCA Workshop on Radiation Processing and Polymer Modification Project which will take place in Thailand from December 16 to 19, 2025, jointly hosted by Thailand Institute of Nuclear Technology (TINT) of Thailand and Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan in cooperation with Nuclear Safety Research Association (NSRA).

Please nominate two experts (one project leader and one additional expert) involved in radiation processing and polymer modification for agricultural, environmental and medical applications from China for the workshop.

Travel expenses including a round-trip air ticket between your country's major hub airport and Thailand and accommodation cost during the workshop will be borne by Japanese government. We highly appreciate if each country supports other travel-related expenses such as VISA application, airport/departure taxes, and overseas travel insurance.

All participants are required to follow the official schedule of the workshop from arrival to departure. Detailed information will be distributed to the participants in due course. All participants are also requested to actively contribute to discussion during the workshop.

Regarding logistics arrangement for the workshop, please contact the following person;

Ms. NAGAI Aiko  
Nuclear Safety Research Association (NSRA)  
Tel: +81-50-9001-2850  
E-mail: [ainagai@nsra.or.jp](mailto:ainagai@nsra.or.jp)

Thank you very much for your cooperation.

Sincerely yours,

WATANUKI Kenichi



President  
Nuclear Safety Research Association (NSRA)

**Program of  
FNCA 2025 Workshop on Radiation Processing and Polymer Modification  
(RPPM) for Agricultural, Environmental and Medical Applications**

December 16<sup>th</sup> - 19<sup>th</sup>, 2025

Avani Ratchada Bangkok, Thailand

**December 15<sup>th</sup> (Mon), 2025**

**International participants arrive in Bangkok (stay at Avani Ratchada Bangkok Hotel)**

**December 16<sup>th</sup> (Tue), 2025 (Day 1)**

**9:00 - 10:00      Opening Session /Hybrid**

Chair: Prof. OKAZAKI Shin, Tokyo University of Agriculture and Technology, Japan

1. Welcoming Remarks
  - Dr. Kanokporn Boonsirichai, TINT (tentative)
  - XXXX, MEXT
2. Opening Remarks
  - Mr.WADA Tomoaki, FNCA Advisor of Japan
3. Overview Lectures (15min. including Q&A)
  - Overview and progress of FNCA activities in 2025  
Mr.WADA Tomoaki, FNCA Advisor of Japan
  - Outline of FNCA RPPM Project and purpose of the workshop  
Dr. OKAZAKI Shin, FNCA RPPM Project Leader (PL) of Japan
4. Introduction of Participants
5. Confirmation of Agenda

**10:00 - 10:20      Group Photo and Break**

**10:20 - 12:20      Session 1 Progress Report on Biofertilizer**

**(Presentation: 20min, Q&A: 10min)**

Chair: Name (Country)

1. Bangladesh
2. China
3. Indonesia
4. Prof. OKAZAKI Shin, Japan

**12:20 - 13:30      Lunch Break**

**13:30 - 15:00      Cont. of Session 1 Progress Report on Biofertilizer**

Chair: Name (Country)

5. Kazakhstan
6. Malaysia
7. Mongolia

**15:30 - 15:45      Coffee Break**

**15:45 - 17:15 Cont. of Session 1 Progress Report on Biofertilizer**

Chair: Name (Country)

8. The Philippines
9. Thailand
10. Vietnam

**17:15 End of Day 1**

**December 17<sup>th</sup> (Wed), 2025 (Day 2)**

**9:00 - 10:30 Session 2 Progress Report on Polymer Modification**

**(Presentation: 20min, Q&A: 10min)**

Name (Country)

1. Bangladesh
2. China
3. Indonesia

**10:30 - 10:45 Coffee Break**

**10:45 - 12:15 Cont. of Session 2 Progress Report on Polymer Modification**

4. Name, Japan
5. Kazakhstan
6. Malaysia

**12:20 - 13:30 Lunch Break**

**13:30 - 15:30 Cont. of Session 2 Progress Report on Polymer Modification**

Chair: Name (Country)

7. Mongolia
8. The Philippines
9. Thailand
10. Vietnam

**15:30 - 15:45 Coffee Break**

**15:45 - 17:00 Session 3 Guideline of FNCA Biofertilizer Development and Irradiation  
Mutagenesis of Microorganisms**

Chair: Name (Country)

- Introduction, presenter TBD

**17:00 End of Day 2**

### December 18<sup>th</sup> (Thu), 2025 (Day 3)

**Morning                      Technical visit to TINT's Irradiation center at Technopolis**

**After Technical visit              Lunch Break**

**13:30 – 15:00              Session 4 Discussion on New Research Activities**

Chair: Name (Country)

- Instruction for Group Discussion, Name, Japan
- Group Discussion
  - A) Agricultural Bio-stimulant
  - B) Environmental Remediation
  - C) Medical and Biological Application

**15:00 - 15:15              Coffee Break**

**15:15 - 15:45              Cont. of Session 4 Group Discussion on New Research Activities**

Chair: Name (Country)

**15:45 – 17:15              Cont. of Session 4 Group Discussion on New Research Activities**

Chair: Name (Country)

- Summary of Group Discussion (Preparation for Presentation, 60 min.)
- Presentation of the result of Group Discussion (10 min. Each group)

**17:15                              End of Day 3**

## **December 19<sup>th</sup> (Fri), 2025 (Day 4)**

### **9:00 - 11:10      Session 5 Achievements of previous phase Part I**

Chair: Name (Country)

- Instruction for Group Discussion, Name, Japan (10 min.)
- Group Discussion (60 min.)
- Summary of Group Discussion (Preparation for Presentation, 60 min.)
  - A) Degraded Chitosan for Animal Feed
  - B) Hydrogel for Medical Application
  - C) Environmental Remediation
  - D) Synergistic Effect among Plant Growth Promoter (PGP), Super Water Absorbent (SWA) and Biofertilizer

### **11:10 - 12:10      Cont. of Session 5 Achievements of previous phase Part II**

Chair: Name (Country)

- Group Discussion (60 min.)
  - E) PGP and SWA, inclusive Process development
  - F) Mutation Breeding of Microbe Using Radiation
  - G) Sterilization and Sanitization Using Radiation
  - H) Recycle Plastic

### **12:10 - 13:10      Lunch Break**

### **13:10 - 14:10      Cont. of Session 5 Achievements of previous phase Part II**

- Summary of Group Discussion (Preparation for Presentation, 60 min.)

Chair: Name (Country)

### **14:10 - 15:30      Cont. of Session 5 Achievements of previous phase Part II**

Chair: Name (Country)

- Presentation by Group A~H (10 min. Each)

### **15:30 – 15:40      Coffee Break**

### **15:40 – 16:30      Session 6 Future Plan**

Chair: Name (Country)

- Presentation from Prof. OKAZAKI Shin
- Discussion

### **16:30 - 17:20      Session 7 Summary**

Chair: Name (Country)

1. Wrap-up of Meeting Summary
2. Adoption of Meeting Summary

### **17:20 - 17:30      Session 8 Closing**

Chair: Name (Country)

- Closing Remarks by Dr. WADA Tomoaki and Prof. Okazaki Shin

### **End of Day 4**

**December 20<sup>th</sup> (Sat), 2025**

**International participants depart from hotel to Airport, and each country**