

# SYMPOSIUM PROGRAM

## Thursday, September 18

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- 10:00 Registration
- 13:30 Opening ceremony  
Welcome remarks, **Takayuki MIZUKUBO** (*President of the Japanese Nematological Society, National Agricultural Research Center, NARO, Japan*)  
Greeting message, **Young Ho KIM** (*President of Korean Nematology Association, Seoul National University, Korea*)

- 13:45 Group photo

### Symposium I. Nematode Problems in East Asian Monsoon Region

*Chaired by Takashi NARABU (HARC, NARO, Japan)*

- 14:00 Si-1 Current status of pine wilt disease in Korea. **Hyerim HAN & Yeong-Jin CHUNG** (*Korea Forest Research Institute, Korea*)
- 14:25 Si-2 Nematode problems in Japanese agriculture. **Kenta UESUGI** (*Kyushu Okinawa Agricultural Research Center, NARO, Japan*)
- 14:50 Si-3 Current status of sugar beet cyst nematode problem in Korea. **Se-Jong KIM** et al. (by **Jae-Kook LEE**) (*National Academy of Agricultural Science, RDA, Korea*)
- 15:15 Coffee break
- 15:35 Si-4 Practical control of plant parasitic nematodes with nematicides and its further problems in Japan. **Hiroshi TANABE & Shinichiro TAKASHIMA** (*SDS Biotech K. K., Japan*)
- 16:00 Si-5 A proposal for standardizing methods to test plant quarantine nematodes. **Jae-Yong CHUN & Noh-Youl HEO** (*Plant Quarantine Technology Center, Korea*)
- 16:25 Discussion
- 17:00 Venue closing
- 19:00 Welcome dinner at Tsukuba Sansuitei, a traditional Japanese-style restaurant  
*Hosted by Takayuki MIZUKUBO (President of the JNS, Japan) [transfers arranged]*

## Friday, September 19

### Symposium II: Recent Knowledge and Method on Nematology

Chaired by **Hyerim HAN** (Korea Forest Research Institute, Korea)

- 9:00 SII-1 Incorporation of the *C. elegans* toolkit into the nematology. **Ryoji SHINYA** (California Institute of Technology, USA; Chubu University, Japan)
- 9:25 SII-2 Biological control of *Meloidogyne hapla* with *Bacillus cereus* C1-7. **Jiyeong PARK et al.** (by **Young Ho KIM**)(Seoul National University, Korea)
- 9:50 SII-3 Taxonomy and description of nematodes: Can diversity be described? **Natsumi KANZAKI** (FFPRI, Japan)

Chaired by **Toyoshi YOSHIGA** (Saga University, Japan)

- 10:15 SII-4 Current researches on resistance to soybean cyst nematode in soybean. **Insoo CHOI et al.** (Pusan National University, Korea)

10:40 Coffee break

- 11:00 SII-5 Molecular dissection of the CLE signaling pathway on the infection steps of the *M. incognita*. **Shinichiro SAWA et al.** (Kumamoto University, Japan)

- 11:25 SII-6 Chromadorean nematode phylogeny revisited based on comparative analysis of complete mitochondrial genome sequences. **Taeho KIM et al.** (Chungbuk National University, Korea)

11:50 Discussion

12:10 Lunch

13:30 **Poster session** (Hall entrance, 2nd floor) with coffee break

### Symposium III: Education and Dissemination about Nematode

Chaired by **Yuko TAKEUCHI** (Kyoto University, Japan)

- 14:30 SIII-1 Invited Lecture: Current efforts to enhance educational materials in nematology and phytopathology. **Edward C. MCGAWLEY** (Louisiana State University, USA)
- 15:00 SIII-2 Education and dissemination about nematode in Japan. **Toyoshi YOSHIGA** (Saga University, Japan)

15:25 Discussion

#### **Symposium IV: Research Institute Introduction**

*Chaired by Insoo CHOI (Pusan National University, Korea)*

15:45 Siv-1 Nematode research in NAAS, RDA, Korea. **Jae-Kook LEE et al.**  
*(National Academy of Agricultural Science, RDA, Korea)*

16:10 Siv-2 History of NIAES and its Nematological study. **Hiroaki OKADA & Masaaki ARAKI** *(NIAES, Japan)*

16:35 Discussion on future collaboration

17:00 Venue closing

18:00 Dinner at Ichinoya, a Japanese-style restaurant [transfers arranged]

### **Saturday, September 20**

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#### **8:30-17:30 Excursion**

8:30 Meeting at Okura Frontier Hotel Tsukuba EPOCHAL

Guided tour to agriculture-related places including:

- Tsukuba Agriculture Research Gallery,
- natural farming site at Agriculture experiment station of Ibaraki University,
- lotus-root farm,
- and Tsukuba Space Center of JAXA (Japan Aerospace Exploration Agency)

17:30 Arrival at Okura Frontier Hotel Tsukuba EPOCHAL

## Poster presentations

- P01: Two *Pseudaphelenchus* species isolated from East Asian termites. **Natsumi KANZAKI et al.** (FFPRI, Japan; University of Florida/IFAS, USA)
- P02: A *Bursaphelenchus* species isolated from dead log of *Pinus armandii* var. *amamiana* in Osumi Islands. **Natsumi KANZAKI et al.** (FFPRI, Japan)
- P03: Distribution and molecular characterization of the Korean cyst nematode, *Heterodera koreana* in Japan. **Shigeyuki SEKIMOTO et al.** (NARO Agricultural Research Center, Japan)
- P04: Species-specific attractants for *Caenorhabditis japonica*. **Etsuko OKUMURA et al.** (Kyoto University, Japan)
- P05: Sequence variations of rhg1 and rhg2 genes for resistance to soybean cyst nematode in soybean. **Namsook PARK et al.** (Pusan National University, Korea)
- P06: Sequence variations of rhg3 gene for resistance to soybean cyst nematode in soybean. **Heonil KANG et al.** (Pusan National University, Korea)
- P07: Sequence variations of rhg4 gene for resistance to soybean cyst nematode in soybean. **Youngjin KO et al.** (Pusan National University, Korea)
- P08: Phenotype/genotype association for pathogenesis of the pine wood nematode, *Bursaphelenchus xylophilus*. **Tetsuro KATO et al.** (by **Yuko TAKEUCHI**)(Kyoto University, Japan)
- P09: RNA-seq analysis of comprehensive gene expression of the pinewood nematode, *Bursaphelenchus xylophilus*, at each propagative stage. **Suguru E. TANAKA et al.** (Kyoto University, Japan)
- P10: Experimental elucidation of effects of cultural methods such as tillage and crops on soil nematode community – an overview. **Masaaki ARAKI** (NIAES, Japan)
- P11: Effects of the time of ridging on root-knot nematode damage to sweet potato. **Takayuki SUZUKI et al.** (NARO Kyushu Okinawa Agricultural Research Center, Japan)
- P12: Control of the root-knot nematode *Meloidogyne incognita* with mixtures of acetic and lactic acids. **Yunhee SEO & Young Ho KIM** (Seoul National University, Korea)
- P13: Biological control of the root-knot nematodes *Meloidogyne incognita*, by *Myrothecium* sp. P10-008. **Hae Woong PARK et al.** (National Institute of Horticultural and Herbal Science, Korea)
- P14: Preliminary observation on *Meloidogyne incognita* infection on a dwarf tomato cultivar, Micro-Tom. **Hiroaki OKADA** (NIAES, Japan)

## PARTICIPANTS LIST

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# NOTICE

## Oral presentations

### 1. *Presentation Time*

- See program to check your presentation time; a 25-min or 30-min time slot is given. Each presentation time includes 5 min for Q & A.

### 2. *Computer for Oral Presentation*

- Presentation shall be given with either our set-up laptop (Windows 7 Pro with Power Point 2010 installed) or your own laptop.
- For presentation with the set-up laptop, submit your presentation file BEFOREHAND at the registration desk.
  - \*For Symposium I, submit your file no later than 13:30 on September 18.
  - \*For Symposium II, submit your file by the end of September 18.
  - \*For Symposium III and IV, submit your file no later than 13:30 on September 19.
- Make sure to bring any necessary electrical adaptors and connectors for your computer.
- Electric power in Tsukuba is provided at 100 V, 50 Hz.

## Poster presentations

### 1. *Presentation Time*

- The core presentation time will be on FRIDAY, SEPTEMBER 19, 2014, during coffee break (13:30-14:30).

### 2. *Mounting & Removal*

- Mounting should be done at least one hour prior to the poster session.
- Removal should be done by the end of the conference.
- All posters left after removal time will be removed and discarded by the Secretariat.

## MAP

Symposium venue: Tsukuba Center for Institutes

2-20-5 Takezono, Tsukuba, Ibaraki 305-0032, Japan

Tel: +81-29-851-1331, Fax: +81-29-856-0464

[http://www.mext.go.jp/a\\_menu/kokusai/kouryucenter/english/index.htm](http://www.mext.go.jp/a_menu/kokusai/kouryucenter/english/index.htm)

\*DOORS OPEN at 8:30am.

Meeting place for excursion: Okura Frontier Hotel Tsukuba Epochal

2-20-1 Takezono, Tsukuba, Ibaraki 305-0032, Japan

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<http://www.okura-tsukuba.co.jp/eng/>

