

## **Scientific Program**

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## September 11 (Tue)

Main Convention Hall

<b>09 : 30–09 : 50</b>	<b>Opening Ceremony</b>	
<b>09 : 50–10 : 35</b>	Chairperson: S. Schulz (Germany)	
<b>PL-1</b>	Chemical communication: Structural principles, evolution, and perspectives	<b>W. Francke</b> Univ. of Hamburg (Germany)
<b>10 : 35–10 : 55</b>	<b>Coffee Break</b>	
<b>10 : 55–11 : 30</b>	Chairperson: K. Mori (Japan)	
<b>KS-1</b>	Molecular mechanisms underlying sex-pheromone reception in insects and mice	<b>K. Touhara</b> Univ. of Tokyo (Japan)
<b>11 : 30–12 : 05</b>	Chairperson: Y. Fujii (Japan)	
<b>KS-2</b>	Allelopathy of tropical plants in Thailand	<b>W. Chavasiri</b> Chulalongkorn Univ. (Thailand)
<b>12 : 05–13 : 30</b>	<b>Lunch (served)</b>	
<b>13 : 30–14 : 15</b>	Chairperson: M. Yotsu-Yamashita (Japan)	
<b>PL-2</b>	Chemistry and ecological aspects of marine microalgal toxins	<b>T. Yasumoto</b> Tohoku Univ. (Japan)
<b>14 : 20–16 : 45</b>	<b>Symposium A: Aquatic ecosystems</b> Organizers: M. Yotsu-Yamashita (Japan), P. Y. Qian (China)	
<b>A-01</b> 14 : 20–14 : 45	Bioactive polypeptides of the marine venomous animals	<b>H. Nagai</b> Tokyo Univ. of Marine Sci. & Technol. (Japan)
<b>A-02</b> 14 : 45–15 : 10	Differential gene and protein expression during larval settlement and metamorphosis in response to chemical cues	<b>P. Y. Qian</b> Hong Kong Univ. of Sci. & Technol. (China)
<b>15 : 10–15 : 30</b>	<b>Coffee Break</b>	
<b>A-03</b> 15 : 30–15 : 55	Tetrodotoxin resistant systems of the toxin possessing animals	<b>M. Yotsu-Yamashita</b> Tohoku Univ. (Japan)
<b>A-04</b> 15 : 55–16 : 20	Surface mediated interactions in the marine environment—The role of natural products	<b>R. De Nys</b> James Cook Univ. (Australia)
<b>A-05</b> 16 : 20–16 : 45	Bioactive small molecules from marine organisms	<b>Y. Nakao</b> Waseda Univ. (Japan)
<b>17 : 00–17 : 45</b>	Chairperson: J. Zhu (USA)	
<b>PL-3</b>	Balanced olfactory antagonism as a facilitator of evolutionary shifts in moth sex pheromone blends	<b>T. C. Baker</b> Penn State Univ. (USA)

Foyer of the Main Convention Hall

18 : 00–20 : 00 **Welcome Reception**

**14 : 25–16 : 45**    **General Session M: Insect chemical ecology**  
 Chairpersons: H. Y. Ho (Taiwan), P. H. G. Zarbin (Brazil)

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|--------------------------------|--|---|
| <b>M-01</b><br>14 : 25–14 : 40 | Clearwing moths use visual cues with olfactory cues on their mating behavior                                   | <b>H. Naka</b><br>JT Biohistory Res. Hall<br>(Japan)          |
| <b>M-02</b><br>14 : 40–14 : 55 | Aggregation pheromone of the Brazilian stalk weevil, <i>Sternechus subsignatus</i> (Coleoptera: Curculionidae) | <b>P. H. G. Zarbin</b><br>Federal Univ. of Parana<br>(Brazil) |
| <b>M-03</b><br>14 : 55–15 : 10 | Does male odor influence female mate choice in the Mediterranean fruit fly?                                    | <b>T. E. Shelly</b><br>USDA-APHIS, Waimanalo<br>(USA)         |

**15 : 10–15 : 30**    **Coffee Break**

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|--------------------------------|---|---|
| <b>M-04</b><br>15 : 30–15 : 45 | Ménage-à-trois for insects: mobile mating disruption and other flights of fancy?  | <b>E. B. Jang</b><br>USDA-ARS, Hilo (USA)           |
| <b>M-05</b><br>15 : 45–16 : 00 | PBAN signaling in <i>Bombyx mori</i> involves Gq-linked activation of store-operated calcium channels                                   | <b>J. J. Hull</b><br>RIKEN (Japan)                  |
| <b>M-06</b><br>16 : 00–16 : 15 | Olfactory response of the decapitating phorid fly, <i>Pseudacteon tricuspis</i> to the red imported fire ant, <i>Solenopsis invicta</i> | <b>H. Fadamiro</b><br>Auburn Univ. Alabama<br>(USA) |
| <b>M-07</b><br>16 : 15–16 : 30 | Floral synomone cocktail and trap architecture of two “fruit fly orchid” species to attract <i>Bactrocera</i> fruit flies               | <b>K.-H. Tan</b><br>Tan Hak Heng (Malaysia)         |
| <b>M-08</b><br>16 : 30–16 : 45 | Chemical communication and division of labor in social aphids   | <b>H. Shibao</b><br>Univ. of Tokyo (Japan)          |

## September 12 (Wed)

Convention Hall 300

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**9 : 00–9 : 35** Chairperson: H. Sasagawa (Japan)  
**KS-3** Odor-independent effects of human chemosignals and pheromones on ovulation, sexuality and cognition  
**M. K. McClintock**  
Univ. of Chicago (USA)

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**9 : 45–12 : 10** **Symposium B: Sociobiology and human**  
Organizers: H. Sasagawa (Japan), R. Crewe (South Africa)

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**B-01**  
9 : 45–10 : 10 Chemical communication in humans  
**S. Nishitani**  
Nagasaki Univ. (Japan)

**B-02**  
10 : 10–10 : 35 Behavioral adaptations using chemical cues in rodents  
**T. Kikusui**  
Azabu Univ. (Japan)

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**10 : 35–10 : 55** **Coffee Break**

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**B-03**  
10 : 55–11 : 20 Alternative forms of reproductive regulation in honeybees: Semiochemical contests vs physical contests  
**R. Crewe**  
Univ. of Pretoria  
(South Africa)

**B-04**  
11 : 20–11 : 45 Semiochemicals inducing social behaviors in honeybees  
**H. Sasagawa**  
Foundation for Advancement of Internatl. Sci.  
(Japan)

**B-05**  
11 : 45–12 : 10 Cuticular hydrocarbons, the most important semiochemicals maintaining ant complex societies  
**R. Yamaoka**  
Kyoto Inst. of Technol.  
(Japan)

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**12 : 10–13 : 30** **Lunch**

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Room 101/102

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**13 : 30–19 : 00** **Poster Session & Workshops** **Snacks & Drinks**

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<b>9 : 45–12 : 10</b>	<b>Symposium C: Plant allelochemical diversity</b> Organizers: Y. Fujii (Japan), Z. Iqbal (Pakistan), W. Chavasiri (Thailand)	
<b>C-01</b> 9 : 45–10 : 10	Green leaf volatiles: Inter- and intra-plant signal molecules	<b>K. Matsui</b> Yamaguchi Univ. (Japan)
<b>C-02</b> 10 : 10–10 : 35	Natural flavonoids in plants as ultraviolet shields	<b>Y. Murai</b> Tokyo Univ. of Agric. & Technol. (Japan)
<b>10 : 35–10 : 55</b>	<b>Coffee Break</b>	
<b>C-03</b> 10 : 55–11 : 20	Allelopathy of semi-arid region plants	<b>Z. Iqbal</b> Univ. of Arid Agric. Rawalpindi (Pakistan)
<b>C-04</b> 11 : 20–11 : 45	Invasive plants and allelopathy	<b>Y. Fujii</b> Natl. Inst. for Agro-Environ. Sci. (Japan)
<b>C-05</b> 11 : 45–12 : 10	Induction of rice signaling pathway and defense related genes by infection of pathogen of rice blast disease ( <i>Magnaporthe grisea</i> )	<b>S. Luo</b> South China Agric. Univ. (China)

9 : 00–9 : 35	Chairperson: M. Ozaki (Japan)	
<b>KS-4</b>	Cuticular pheromones and sexual isolation in insects	<b>J. M. Jallon</b> Univ. of Paris (France)
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9 : 45–12 : 10	<b>Symposium D: Chemical senses and behavior</b> Organizers: M. Ozaki (Japan), W. van der Goes van Naters (USA)	
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<b>D-01</b> 9 : 45–10 : 10	Chemical input and neuronal system for aggressiveness in a Japanese carpenter ant	<b>M. Ozaki</b> Kobe Univ. (Japan)
<b>D-02</b> 10 : 10–10 : 35	The complexity of fire ant nestmate recognition	<b>R. K. Vander Meer</b> USDA ARS, Gainesville (USA)
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10 : 35–10 : 55	<b>Coffee Break</b>	
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<b>D-03</b> 10 : 55–11 : 20	Odor and taste receptors in <i>Drosophila melanogaster</i> : A functional analysis	<b>W. van der Goes van Naters</b> Yale Univ. (USA)
<b>D-04</b> 11 : 20–11 : 45	Insights into the mechanism of ligand binding and release of the pheromone-binding proteins from the gypsy moth, <i>Lymantria dispar</i>	<b>Y. Gong</b> Simon Fraser Univ. (Canada)
<b>D-05</b> 11 : 45–12 : 10	Insect-machine hybrid systems—Novel neuroethological approaches for analyzing adaptive behaviors—	<b>R. Kanzaki</b> Univ. of Tokyo (Japan)
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12 : 25–13 : 15	<b>Lunchon Seminar</b> Chairperson: T. Ando (Japan)	
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<b>LS-01</b> 12 : 25–12 : 50	Chemical ecological interface between parasitic plants and fungi	<b>K. Yoneyama</b> Utsunomiya Univ. (Japan)
<b>LS-02</b> 12 : 50–13 : 15	Scope of chemical communication	<b>I. Yamamoto</b> Tokyo Univ. of Agric. (Japan)
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<b>9 : 45–12 : 10</b>		<b>Symposium E: Insect-plant interactions I</b>	
		Organizers: K. Konno (Japan), D. E. Dussourd (USA)	
<b>E-01</b>	Diversity of anti-herbivore defenses in <i>Macaranga myrmecophytes</i>		<b>T. Itioka</b> Kyoto Univ. (Japan)
<b>E-02</b>	Diverse ingredients in plant latex and their defensive roles against herbivorous insects: Case studies in papaya, fig and mulberry trees		<b>K. Konno</b> Natl. Inst. of Agrobiol. Sci. (Japan)
<b>10 : 35–10 : 55</b>		<b>Coffee Break</b>	
<b>E-03</b>	Behavioral sabotage of plant defense: Chemical releasers of trenching by insect herbivores		<b>D. E. Dussourd</b> Univ. of Central Arkansas (USA)
<b>E-04</b>	Addiction to pyrrolizidine alkaloids in male danaid butterflies: Delving into the evolutionary origin of pharmacophagy		<b>K. Honda</b> Hiroshima Univ. (Japan)
<b>E-05</b>	An appreciation of the elegant utilisation of a potent plant-derived attractant, methyl eugenol by the male Oriental fruit fly: From ecology to physiology		<b>A. Kah-Wei Hee</b> Univ. Tunku Abdul Rahman (Malaysia)

## September 13 (Thu)

Convention Hall 300

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**13 : 30–14 : 05** Chairperson: Y. Huang (China)  
**KS-5** Application of pheromones in area-wide integrated pest management programs  
**A. IL'ichev**  
Primary Industries Res.  
Victoria (Australia)

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**14 : 10–16 : 35** **Symposium F: Practical uses of pheromones**  
Organizers: S. Tatsuki (Japan), Y. Huang (China)

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**F-01** Mating disruption for control of the sugarcane click beetle *Melanotus okinawensis* Ohira (Coleoptera: Elateridae), with synthetic sex pheromone  
**N. Arakaki**  
Okinawa Pref. Agric. Res. Center (Japan)

**F-02** Utilization of mating disruption products in Japan  
**F. Mochizuki**  
Shin-Etsu Chem. Co., Ltd. (Japan)

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**15 : 00–15 : 20** **Coffee Break**

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**F-03** Semiochemicals communication and their application in China  
**Y. Huang**  
Shanghai Inst. of Plant Physiol. & Ecol. SiBS. CAS (China)

**F-04** Mass trapping as a control strategy for tropical Coleoptera  
**A. C. Oehlschlager**  
Chem Tica Internatl. (Costa Rica)

**F-05** Monitoring stored-product insects by pheromone traps in food-processing facilities in Japan  
**K. Shinoda**  
Fuji Flavor Co., Ltd. (Japan)

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**16 : 40–17 : 05** APACE Assembly

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Hotel Grand Shinonome

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**18 : 30–20 : 30** Conference Dinner

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<b>14 : 10–16 : 35 Symposium G: Insect-plant interactions II</b>		
Organizers: J. Takabayashi (Japan), J. McNeil (USA)		
<b>G-01</b> 14 : 10–14 : 25	Olfactory and visual responses to herbivore-infested corn plants by the parasitoid fly <i>Exorista japonica</i>	<b>R. Ichiki</b> Japan Internatl. Res. Center for Agric. Sci. (Japan)
<b>G-02</b> 14 : 25–14 : 40	Why does sagebrush emit volatile cues that cause neighbor to become more resistant to herbivory?	<b>K. Shiojiri</b> Kyoto Univ. (Japan)
<b>G-03</b> 14 : 40–15 : 00	Induced direct and indirect defenses and transcriptional responses in rice after infestation by <i>Chilo suppressalis</i>	<b>Y. Lou</b> Zhejiang Univ. (China)
<b>15 : 00–15 : 20 Coffee Break</b>		
<b>G-04</b> 15 : 20–15 : 50	Early herbivore alert: Insect eggs induce plant defence	<b>M. J. Hilker</b> Freie Univ. Berlin (Germany)
<b>G-05</b> 15 : 50–16 : 05	Induced disease resistance in rice plants infested with whitebacked planthopper, <i>Sogatella furcifera</i>	<b>M. Satoh</b> Natl. Agric. Center for Kyushu Okinawa Region Res. (Japan)
<b>G-06</b> 16 : 05–16 : 35	Do host plant volatiles always attract parasitoids of herbivores?	<b>J. McNeil</b> Univ. of Western Ontario (Canada)

9 : 00–9 : 35	Chairperson: G. J. Gries (Canada)	
KS-6	Semiochemical sociology of true bugs (Hemiptera: Heteroptera)	<b>J. R. Aldrich</b> USDA ARS, Beltsville (USA)
9 : 35–11 : 55	<b>Symposium H: Diversity of pheromonal communication</b> Organizers: T. Ando (Japan), G. Gries (Canada)	
H-01 9 : 35–9 : 55	Chemical diversity of arthropod semiochemicals	<b>S. Schulz</b> Technical Univ. Braunschweig (Germany)
H-02 9 : 55–10 : 15	Functional diversity of boring insects pheromones	<b>T. Nakashima</b> Forestry & Forest Products Res. Inst. (Japan)
10 : 15–10 : 35	<b>Coffee Break</b>	
H-03 10 : 35–10 : 55	Sex pheromone communication systems in the German cockroach: A tribute to Ritz	<b>C. Schal</b> North Carolina State Univ. (USA)
H-04 10 : 55–11 : 15	Diversity of sensory system in pheromonal communication	<b>K. C. Park</b> Penn State Univ. (USA)
H-05 11 : 15–11 : 35	Sex pheromones and reproductive isolation in three species of <i>Adoxophyes</i> in South Korea	<b>C. Y. Yang</b> Natl. Horticultural Res. Inst. (Korea)
H-06 11 : 35–11 : 55	Pheromonal communication in selected species of lymantriid moths	<b>G. J. Gries</b> Simon Fraser Univ. (Canada)
11 : 55–13 : 00	<b>Lunch (served)</b>	
13 : 00–15 : 00	<b>Symposium I: Perspectives of chemical ecology</b> Organizers: Y. Ishikawa (Japan), J. G. Millar (USA), T. Ando (Japan)	
I-01 13 : 00–13 : 25	Quorum: A bacterial cell-cell communication signal has the function as the cross-kingdom signal	<b>M. Shinohara</b> Natl. Inst. of Vegetable & Tea Sci. (Japan)
I-02 13 : 25–13 : 50	Molecular mechanisms underlying bombykol biosynthesis in <i>Bombyx mori</i>	<b>S. Matsumoto</b> RIKEN (Japan)
I-03 13 : 50–14 : 15	"Talking trees": How do apple trees signal to light-brown apple moth parasitoids?	<b>M. Suckling</b> HortRes. (New Zealand)
14 : 15–14 : 35	<b>Coffee Break</b>	
I-04 14 : 35–15 : 00	Identification, synthesis, and applications of pheromones of mealybugs	<b>J. G. Millar</b> Univ. California, Riverside (USA)
15 : 00–15 : 45	Chairperson: S. Kuwahara (Japan)	
PL-4	Organic synthesis in chemical ecology—from early days to future	<b>K. Mori</b> Univ. of Tokyo (Japan)
15 : 45–16 : 05	<b>Closing Ceremony</b>	

**9 : 00–11 : 50**    **General Session N: Phytochemical ecology**  
Chairpersons: K. B. Marwat (Pakistan), F. Yan (China)

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|--------------------------------|---|---|
| <b>N-01</b><br>9 : 00–9 : 15   | Efficacy of some multipurpose tree spices (MPTS) extracts on wheat and some of its weeds  | <b>G. Hassan</b><br>NWFP Agric. Univ.<br>(Pakistan)         |
| <b>N-02</b><br>9 : 15–9 : 30   | Analysis on the characteristics of microbial flora in the rhizospheric soils of different allelopathic rice accessions ( <i>Oryza sativa</i> L.) at seedling stage by BIOLOG method | <b>R. Lin</b><br>Fujian Agric. & Forestry Univ. (China)     |
| <b>N-03</b><br>9 : 30–9 : 45   | The study on effect of natural compound and temperature on storage behavior of sweet cherry ( <i>Prunus avium</i> ) C. V. "Siah-e-Mashhad"  | <b>M. Azizi Arani</b><br>Ferdowsi Univ. of Mashad<br>(Iran) |
| <b>N-04</b><br>9 : 45–10 : 00  | Relationships between <i>Cuscuta japonica</i> growth, movements and its hosts volatile  | <b>F. Hu</b><br>South China Agric. Univ.<br>(China)         |
| <b>N-05</b><br>10 : 00–10 : 15 | Influence of host plant odors on invasion of rice leaf bug into paddy fields  | <b>T. Fujii</b><br>Shin-Etsu Chemical Co.,<br>Ltd. (Japan)  |

**10 : 15–10 : 35**    **Coffee Break**

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|--------------------------------|--|--|
| <b>N-06</b><br>10 : 35–10 : 50 | Effect and durative of indoor plants on removing formaldehyde in 72 hrs  | <b>Y. Jin</b><br>Beijing Forestry Univ.<br>(China) |
| <b>N-07</b><br>10 : 50–11 : 05 | Biological activity of troponoid compounds to insect pests   | <b>C. Shimizu</b><br>Tohoku Univ. (Japan)          |
| <b>N-08</b><br>11 : 05–11 : 20 | Larvae-induced volatiles from maize affect behaviors of conspecific adults and neonates in the Asian corn borer <i>Ostrinia furnacalis</i> | <b>F. Yan</b><br>Henan Agric. Univ. (China)        |
| <b>N-09</b><br>11 : 20–11 : 35 | Ovipositional deterrents in sweet pepper ( <i>Capsicum annuum</i> ), against <i>Liriomyza trifolii</i>                                     | <b>A. D. Boru</b><br>Ehime Univ. (Japan)           |
| <b>N-10</b><br>11 : 35–11 : 50 | Production of transgenic tobacco expressing yam tuber lectin (DB1) in order to confer insect-resistance                                    | <b>T. Kato</b><br>Tohoku Univ. (Japan)             |

### **Presentation media and PC-check**

All oral presentations must be computer based. Presentations using slide or overhead projectors will not be accepted. Presentations with your own laptop computer will also not be accepted.

We would like to ask you to bring your presentation as a Microsoft Windows PowerPoint 2003 file (**Windows only**) on a USB flash memory or CD-ROM. To ensure a smooth congress, please be sure that your presentation file is checked with our computer and loaded into our computer beforehand. The computers are located in the Room 202 on the 2nd floor of the EPOCHAL TSUKUBA.

1. For those who have your oral presentation in the morning, please upload your file(s) 17 : 00 at the latest on the day before your presentation day.
2. For those who have your oral presentation in the afternoon and those who have your poster-workshop presentation, please upload your file(s) 12 : 30 at the latest on the day of your presentation.

If you use a Macintosh computer, please adjust your data for Windows OS and check it. The secretariat also strongly recommends you carefully check your presentation files, if you have inserted movie files, audio files, or other multimedia files into your presentation material. Please do not use 2-byte characters (Japanese, Chinese etc.) in your presentation because they often corrupt the layout of your file.

The secretariat will delete your presentation file from our computer at the end of each day.

### **Length of presentation including introduction of the author and the Q & A Session**

Plenary Lecture: **45 minutes**, Keynote Speech: **35 minutes**, Luncheon Lecture: **25 minutes**

Symposium Lecture: In principle, **25 minutes**, General Oral Lecture: **15 minutes**

Selected Poster Workshop: In principle, **5 minutes**, following the main presentation (**10 minutes**) of each topic.

The speakers are requested to keep to their time restrictions.

Time is indicated by the sound of bells as follows:

**One bell: five min remaining**

**Two bells: two min remaining**

**Three bells: time is up**

### Poster Presentation

#### Poster Size:

Each poster must fit within the dimensions of **160 cm height** × **90 cm width**.

\*Presentation title, affiliations and names of authors are to be included.

#### Placement of Your Poster:

Assigned poster board with your poster number (see **Poster program**) will be in Rooms 101/102 on the 1st floor of EPOCHAL TSUKUBA.

A poster number and double sided tape will be provided with each poster board.

#### Schedule:

All posters are to be mounted between 10 : 30 and 13 : 30 on September 12 (Wed) and to be removed between 15 : 00 and 16 : 30 on September 13 (Thu).

#### Poster Viewing:

##### i) September 12 (Wed) 13 : 30–19 : 00

During core times for **odd-numbered posters (14 : 50–15 : 30)** and **even-numbered posters (16 : 50–17 : 30)**, presenters are requested to be present at their respective posters.

Snacks and beverages will be served sometime after 15:00.

##### ii) September 13 (Thu) 9 : 00–15 : 00

### Poster Awards

Excellent posters will be selected by the Poster Award Committee. The presenters will be awarded at the Conference Dinner.

### Selected Poster Workshops

Posters are selected for short-oral presentations (see **Oral Presentation Guidelines**) of 5 minutes each to be presented in the Selected Poster Workshops by the poster session organizers. The Selected Poster Workshops will be held at two workshop booths in Rooms 101 and 102 during the Poster Session on September 12 (Wed). All participants can freely join the workshops or view the posters. The workshop program, including session titles, organizers and poster numbers, is scheduled as follows:

## Workshop Program

September 12 (Wed) 13 : 30–18 : 10

9/12	Workshop Booth A (Room 101)	Workshop Booth B (Room 102)
13 : 30	<b>A1: Natural products chemistry</b> (S. Kuwahara) P-108, P-107, P-110, P-109, P-102, P-106	<b>B1: Chemosensory signaling</b> (H. Ono) P-147, P-158, P-146, P-144, P-039, P-043
14 : 10	<b>A2: Diversity of marine natural products</b> (T. Okino) P-003, P-010, P-007, P-008, P-002	<b>B2: Multi-modal &amp; chemical sensing: from behavior to neuron</b> (T. Takanashi) P-155, P-154, P-056, P-143, P-156, P-157
14 : 50	<b>Poster core time</b> (odd numbered)	
15 : 30	<b>A3: Animal-plant interactions</b> (S. Kugimiya) P-045, P-035, P-060, P-073, P-065, P-075	<b>B3: Social insects</b> (H. Sasagawa & R. Yamaoka) P-096, P-093, P-095, P-094, P-061, P-142, P-131, P-152, P-176
16 : 10	<b>A4: Microbial interactions</b> (K. Yamaji) P-087, P-089, P-029, P-088, P-091, P-090	<b>B4: Diversity &amp; evolution of pheromonal communication in insects</b> (J. Tabata) P-136, P-145, P-116, P-128, P-125, P-099
16 : 50	<b>Poster core time</b> (even numbered)	
17 : 30	<b>A5: Plant allelopathy</b> (M. Hachinohe) P-022, P-024, P-025, P-026, P-015, P-016, Q-002	<b>B5: Application of pheromone to pest control</b> (K. Nakamuta) P-141, P-115, P-135, P-134, P-133, P-114
18 : 10		



## Accompanying Persons' Program

Cultural programs (A, B and C) will be held in the conference venue at EPOCHAL TSUKUBA. Registration is not necessary (priority is given to persons who request the programs by E-mail to the secretariat before the end of August). These programs are free of charge.

### **A: Japanese Flower Arrangement (Ikebana)**

**September 11 (Tue) PM 14 : 00–15 : 30 [Room 403]**

Welcome to the Japanese art of flower arrangement. To bring out the full beauty of each flower, the empty space left between them is carefully planned to express a uniquely Japanese esthetic sensibility. Although you cannot take the flowers home, you can take the concept and a nice original photo of your arrangement

### **B: Tea Ceremony**

**September 12 (Wed) PM 14 : 30–15 : 00, 15 : 40–16 : 10, 16 : 20–16 : 50 [Room 305]**

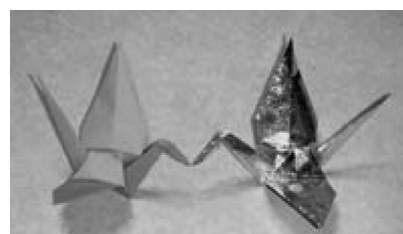
The tea ceremony is one quintessential expression of Japanese esthetics. It is a discipline for sharing time with one's guest and fostering communion with one's own soul. Anyone, even those who have no knowledge of tea ceremony etiquette, can enjoy having green tea and sweets. The best tea break of this meeting!



### **C: Origami (Paper folding)**

**September 13 (Thu) PM 14 : 00–16 : 00 [Room 403]**

Origami is the traditional Japanese art of folding a single square sheet of paper into a shape or object without using glue and scissors. Participants can learn how to fold origami like in the photo (cranes).





### **Optional Tour to Chateau Kamiya**

**September 12 (Wed) PM 12 : 10–15 : 00**

**Bus tour including light lunch: 1200 Yen**

**Registration: September 10–11 at the Registration Desk**

**Meeting point: Information Desk at 12 : 00**

An excursion will be scheduled and conducted by two fully qualified English speaking guides. Advance reservation is necessary at the Registration Desk. Everybody can join, but capacity is less than 26 people. Participants will be issued a ticket and an identification badge on which they are requested to write their name. The badge must be worn during the excursion.

—The first full-scale winery in Japan, Chateau Kamiya, was built in 1903 by Denbei Kamiya. The main building is of French-style masonry architecture with a reddish-brown wall, green roof and a white clock. Indeed, the color coordination gives us the impression of the Western-style culture. Denbei Kamiya left Japan for France to undergo training. He acquired techniques in wine making and as such was able to produce wine appealing to the Japanese people by removing the bitterness and making the wine sweet. Besides wine production, he successfully expanded his liquor business to include Japanese liquor and whisky production. The exhibition building currently houses wine barrels and tools used for wine production.

One can find huge grassy picnic areas, restaurants, a souvenir shop and the recent addition of a new central court.

<http://www.pref.ibaraki.jp/bukyoku/seikan/kokuko/e-ibaraki-report/0607kamiya.html>