



NEWSLETTER

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY

Vol. 9, No. 1, February, 1992

CALL FOR PAPERS

Annual ISCE Meeting, Kyoto, 1992.

第9回 国際化学生態学会議

The 9th Annual Meeting of the International Society of Chemical Ecology will be held July 6-9, 1992 at Kyoto Institute of Technology (Kyoto Kosendai), Matsugasaki, Kyoto 606, Japan. Tel. (075) 791-3211; Fax. (075) 702-4404. There will be 6 symposia. (See conference schedule, next page)

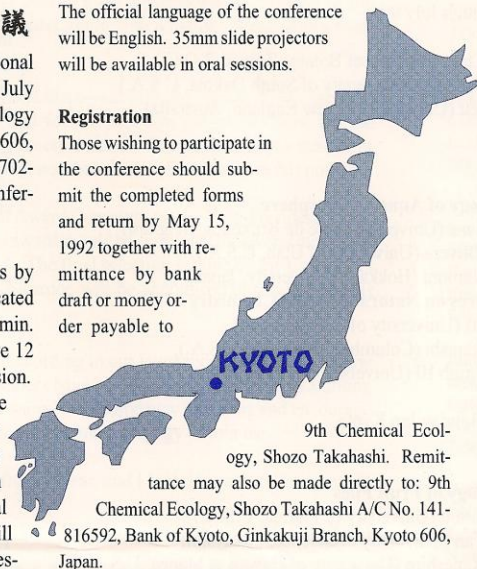
Each session will consist of presentations by invited and regular speakers. The time allocated for each invited speaker is 30 min. with 5 min. for discussion. Regular speakers will have 12 min. for their talks and 3 min. for discussion. Time allocation may vary depending on the number of speakers in a session. The program committee reserves the right to move an oral presentation to a poster presentation if the number of speakers exceeds the total time allocated for the session. Speakers will be advised in advance if this becomes necessary. Subjects of the poster presentation will be session themes as well as general chemical ecology, and there will be a discussion period for participants on July 8th (15:00 - 17:00). Participants who wish to present a paper (oral or poster) should complete the enclosed forms and return no later than May 15, 1992.

Conference Language

The official language of the conference will be English. 35mm slide projectors will be available in oral sessions.

Registration

Those wishing to participate in the conference should submit the completed forms and return by May 15, 1992 together with remittance by bank draft or money order payable to



9th Chemical Ecology, Shozo Takahashi. Remittance may also be made directly to: 9th Chemical Ecology, Shozo Takahashi A/C No. 141-816592, Bank of Kyoto, Ginkakuji Branch, Kyoto 606, Japan.

Registration Fee

Registration fees are described on the form. The fee includes all scientific sessions, abstract volume, welcoming reception, banquet, beverages, morning tour (accompanying persons only) and evening tour.

On-site Payment

Only Japanese yen will be accepted at the registration desk.

Cancellation and Refund of Registration Fee

Refund of registration fee will be made subject to a cancellation charge of 25% provided that the written notice of cancellation is received by the committee prior to July 5th, 1992.

Accommodations

The Organizing Committee has reserved rooms (July 5-12) at the Holiday Inn Kyoto at a reduced rate for ISCE participants. The hotel is located within a 15 min. walk from the conference site. Costs are: Twin room, single use 7,500 yen per person/night; Twin room for two persons 6,500 yen per person/night; Three person shared room, 5,000 yen per person/night. The room charge includes tax and service charge but not meals.

From the Editor

There are 3 important inserts in this issue. They are: The Kyoto registration form, the Kyoto abstract form, and the application for student travel assistance (two sides). Please share this information with interested colleagues.

1992 dues notices were sent with the last newsletter. If you have not yet paid, please do so now. The newsletter depends upon membership support. Send your checks to either James Nation or Martine Rowell-Rahier. Follow the rate schedule on page 4.

Become involved. Send your nominations for future officers to David Seigler and your nominations for Silver Medal Awards to Kenji Mori.

If you like the idea of a "Personals" column, send me your news. We can also publicize job opportunities, workshops, new books. Thanks.

The newsletter is printed on recycled paper! No one has noticed, but some of you have inquired.

- John Romeo

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KYOTO CONFERENCE SCHEDULE

July 6th, Monday

- 14:30 - 17:00 ISCE Executive & Council Meeting
 15:00 - 17:00 Registration
 17:00 - 19:00 Welcoming Reception

July 7th, Tuesday

- 8:30 --- Registration
 9:00 - 9:45 **Opening Plenary Lecture**
 Her Royal Highness Princess Chulabhorn Mahidol of Thailand
 10:00 - 12:30 **Session 1. Indigenous Medicinal Plants**
 Organizer: K. Fuji (Kyoto University, Japan)
 Invited Speakers: H. Itokawa (Tokyo College of Pharmacy, Japan);
 A. Marston (University of Lausanne, Switzerland)
 12:30 - 14:00 Poster Session begins (through July 9th)
 14:00 - 17:30 **Session 2. Allelopathy**
 Organizer: C.H. Chou (Institute of Botany, Taipei, R.O.C.)
 Invited Speakers: F.A. Einhellig (University of South Dakota, U.S.A.);
 J. Lovett (University of New England, Australia)

July 8th, Wednesday

- 8:30--- Registration
 9:00 - 12:00 **Session 3. Chemical Ecology of Aqueous Biosphere**
 Organizer: D. Daloz (Universite Libre de Bruxelles, Belgium)
 Invited Speakers: B.M. Olivera (University of Utah, U.S.A.);
 H. Nakamura (Hokkaido University, Japan)
 13:30 - 15:00 **Session 4. Plenary Lectures on Natural Product Chemistry**
 Organizer: K. Mori (University of Tokyo, Japan)
 Invited Speakers: K. Nakanishi (Columbia University, U.S.A.);
 A.B. Smith III (University of Pennsylvania, U.S.A.)
 15:00 - 17:00 Poster Discussions
 18:30 - 20:30 Banquet at Holiday Hall, Holiday Inn Kyoto

July 9th, Thursday

- 9:00 - 12:00 **Session 5. Chemical Ecology of Fruit Flies**
 Organizer: J.L. Nation (University of Florida, U.S.A.)
 Invited Speakers: K.H. Tan (University of Science, Malaysia);
 K.Y. Kaneshiro (University of Hawaii at Manoa, U.S.A.)
 12:00 - 13:00 Poster presentation closing
 13:30 - 16:30 **Session 6. Utilization of Natural Products in Pest Control**
 Organizer: W.S. Bowers (University of Arizona, U.S.A.)
 Invited Speakers: J.A. Pickett (Rothamsted Experimental Station, U.K.);
 M.B. Isman (University of British Columbia, Canada)
 19:00 --- Evening Tour for participants and accompanying persons.

STUDENT TRAVEL AWARDS

The ISCE will again sponsor student travel awards to defray the cost of attending the annual meeting in Kyoto, Japan. The application form for the 1992 competition accompanies this issue of the newsletter. All student members of ISCE are encouraged to apply. Applications are ranked by the Student Awards Committee (Drs. Donald Gerhart, Adolf Nahrstedt, Nancy Targett) on the basis of scientific merit. The amount of the award is determined by both rank and the cost of travel to attend the meeting. Recipients will receive their awards in the form of a check at the Kyoto meeting.

To be eligible for a travel award, an individual must meet all of the following three criteria:

1. must be a paid-up member of ISCE and enrolled as a full-time graduate student OR be a paid-up member of ISCE and be a full-time postdoctoral research associate.
2. must present a paper or poster at the annual meeting in Kyoto.
3. may not have previously received an ISCE travel grant.

The goal of the awards is to encourage student members of ISCE to participate in the annual meeting. **Therefore, to be eligible for the 1992 competition, a candidate must be listed by the Secretary as a paid-up member in good standing of ISCE at the time of the application deadline.** Individuals may not claim eligibility by joining the ISCE after the application deadline.

All applications should be sent to: Dr. Donald J. Gerhart, ISCE Student Awards Committee, Duke University Marine Laboratory, Beaufort, NC 28516, U.S.A. **All applications should be postmarked on or before March 20, 1992.** Applications postmarked after March 20, 1992 will not be reviewed. Applications from locations outside the United States should be sent via air mail.

DEADLINES

1992 ISCE Dues	Jan. 1, 1992
Student Travel Award Applications	Mar. 20, 1992
Nominations for ISCE Officers	April 1, 1992
Nominations for Silver Medals	April 1, 1992
Abstracts for Kyoto Meeting	May 15, 1992
Registration for Kyoto Meeting	May 15, 1992
Information for June Newsletter	May 30, 1992

PRESIDENT'S MESSAGE

"...Participatory Democracy- Call For Nominations ..."

I guess we all believe in democracy, and it is important that the members of the ISCE participate in the election of Society officers and suggest nominees for vacant offices as well as for Silver Medal Awards.

The procedures for elections and nominations of officers are described in the bylaws of the society. This year we must elect both a new Vice-President and a Treasurer. David Seigler as Past-President, chairs the Nominating Committee. Nominations which are supported by the largest number of members will be considered by the Committee. The nominees, of course, must agree to serve! Profiles of the nominees will appear in the next Newsletter along with a ballot. Nominations must reach Dr. Seigler by April 1, 1992.

Jim Nation is completing his second three-year term as Treasurer. We all must thank him warmly and congratulate him for the excellent job he has done for the Society. The financial situation of the Society is sound. Jim would accept a third term if elected, but others are encouraged to submit their names if interested in this position.

The Chairman of the silver Medal Award Committee is the Vice-President, Kenji Mori. Nominations for this prestigious award should be supported by several members. They should reach Dr. Mori by April 1. The final selection is done by the Councilors and the Executive Committee. The Awardee will be announced during the annual meeting in Kyoto.

Our membership is on the rise! According to our latest records we have 80 new members this year. However, 47 members have not paid dues since 1989. Counting these, we have 503 active members. I warmly welcome new members and encourage all of you to encourage your colleagues in chemical ecology to join us.

I wish you all a very happy and fruitful year, and I look forward to seeing many of you in Kyoto this summer.

- Jacques Pasteels

ANNOUNCEMENTS

The Agriculture Research Service of the United States Department of Agriculture is seeking a postdoctoral appointee with a strong background and interest in natural products chemistry. Specifically they seek someone with a recent Ph.D in chemistry, biochemistry, phytochemistry or related field. The applicant should have experience in HPLC and NMR analysis and be interested in learning plant physiology and genetics. The appointee will be a member of a team whose goal is to identify flavonoids in mutant lines of soybean. The annual salary is approximately \$32,423 and renewable for a second year. Contact: Dr. Reid G. Palmer, Research Geneticist, USDA,ARS, Department of Agronomy, ISU, Ames, Iowa 50011 U.S.A.

The Indian Society of Allelopathy has established an allelopathy Data Base at the Haryana Agricultural University, India. Workers in this discipline are asked to donate reprints (originals or photocopies) of their work. The Data Base will be made available at no cost to members of ISAL and at minimal cost to scientists in developing countries who do not have access to the literature in their field.

The newly established Indian Society of Allelopathy is open to all scientists and students of allelopathy. Membership is U.S. \$15.00. The Society plans to publish a newsletter and a research journal. Its first symposium entitled "Allelopathy in Agrosystems" was held 12-14 February, 1992 at Haryana University. For additional information about ISAL contact: Prof. S.S. Narwal, Department of Agronomy, Haryana Agricultural University, Hisar - 125004 India.

UPCOMING MEETINGS

Western Forest Insect Work Conference. Coast Lakeside Resort, Penticton, British Columbia, Canada. 2-5 March, 1992. Contact: Dr. Lee Humble, Forestry Canada, 506 West Burnside Road, Victoria, BC, Canada, V8Z 1M5. Telephone 604-363 0600.

IXth International Entomophagous Insects Workshop. Hawk's Cay Resort & Marina, Florida, USA. 3-7 May, 1992. Contact: Heather McAuslane, Dept of Entomology & Nematology, University of Florida, Hull Road, Bldg 970, Gainesville, FL 32611-0740 USA. Telephone: 904-392-1901.

Phytochemical Society of North America. Miami, Florida, USA. 8-12 August, 1992. Phytochemical Potential of Tropical Plants. Contact: Dr. Kelsey Downum, Florida International University, Miami, FL 33199, USA. Telephone 305-348-3419.

4th International Behavioral Ecology Congress. Princeton, New Jersey, USA. 17-22 August, 1992. Contact: ISBE Committee, Dr. D. Rubenstein, Dept. of Ecology & Evolutionary Biology, Princeton, University, Princeton, NJ, 08544-1003 USA.

Nutrient Dynamics and Biological Structure in Shallow Freshwater and Brackish Lakes. Silkeborg, Denmark. 17-20 August, 1992. Contact: P. Nygard Jensen, National Environmental Research Institute, Division of Freshwater Ecology, 52 Lysbrogade, DK-8600 Silkeborg, Denmark. Telephone 45-89-20-14-00.

Industrial and Third World Environmental Assessment: The Urgent Transition to Sustainability. Washington, DC, USA. 19-22 August, 1992. Contact: IAIA, PO Box 70, Bellhaven, North Carolina 27810, USA. Telephone 919-964-2338

IVth International Wetlands Conference. Columbus, Ohio, USA. 14-18 September, 1992. Contact: William J. Mitsch, Wetlands '92 Conference Chair, School of Natural Resources, The Ohio State University, Columbus, OH 43210 USA.

Environmental Stress and Regulation of Carbon Metabolism. Kashikojima, Mie, Japan. 5-7 September, 1992. Satellite symposium to be held immediately following the 9th International Congress on Photosynthesis at Kashikojima. Contact: Dr. H. Usuda, Laboratory of Chemistry, Faculty of Medicine, Teikyo University, Ohtsuka, Hachioji, Tokyo, Japan 192-03. Telephone 0426-76-8211

International Society of Chemical Ecology. Clearwater Beach, Florida, USA. 1-4 August, 1993. Contact: John Romeo, Department of Biology, University of South Florida, Tampa, FL 33620 USA.

International Botanical Congress. Tokyo, Japan, 28 August-3 September, 1993. Contact: International Botanical Congress Tokyo, c/o Department of Botany, Faculty of Science, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

PERSONALS

Dr. Murray B. Isman of the Department of Plant Science, University of British Columbia, Vancouver, BC, Canada was the 1991 recipient of the Entomological Society of Canada's C. Gordon Hewitt Award for outstanding achievement in entomology by an individual under 40. Murray's research is centered on insect chemical ecology, spanning the spectrum from basic (comparative studies of the fate, metabolism and mode-of-action of natural products in insects) to applied (field and greenhouse trials to determine the efficacy of experimental botanical insecticides). He is the author of over 43 publications in refereed journals, books and conference proceedings, and the recipient of over \$1 million in extramural grants. Murray is also a respected teacher at both the undergraduate and graduate level.

★ ★ ★

Dr. Jean Langenheim of the Department of Biology, University of Santa Cruz, Santa Cruz, California has recovered successfully from major surgery held in November. Jean is a past-President of the ISCE. Her early tireless labors to establish a working committee system within ISCE are bearing fruit today. Already back in the laboratory part-time, Jean is also working at home and continuing her normal hectic pace. She is past-President of the Ecological Society of America, incoming President of the Society of Economic Botany, and working on a book entitled From Amber to Chemical Ecology: An Ecological and Evolutionary Synthesis. The pain is gone, and we're all glad for that!

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Dr. J. Thor Arnason of the Department of Biology, University of Ottawa, Ottawa, Ontario, Canada has been appointed Vice Dean of Research in the Faculty of Science there. Thor's collaborative plant-insect interactions group is one of the largest in Canada and focusses mainly on the chemical ecology of plant-insect interactions. Among his specific research areas of interest are photoactivated plant compounds, use of plant substances for insect control, maize insect resistance mechanisms, and mode of action of cyclic hydroxamates and acetogenins. Thor collaborates with scientists in many countries and has produced 9 M.Sc. and 7 Ph.D students in the past 5 years!

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DUES RATES 1992

REGULAR MEMBERS (I)

(Australia, Canada, Japan, New Zealand, South Africa, United States, Western Europe)

\$25 US or 45 SF.

REGULAR MEMBERS (II)

(All other countries)

\$10 US or 18 SF

STUDENT MEMBERS (I)

\$10 US or 18 SF

STUDENT MEMBERS (II)

\$ 5 US or 9 SF

LIFE MEMBERS

\$400 US or 720 SF

*Dues are payable at beginning of year.

**Notices sent with October 91 Newsletter

ISCE Officers and Executive Committee

Jacques Pasteels, President
Université Libre de Bruxelles
Laboratoire de Biologie Animal & Cellulaire
Ave. F.D. Roosevelt 50
B-1050 Bruxelles, Belgium

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Department of Agricultural Chemistry
Yoyoi 1-1-1, Bunkyo-Ku
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Gainesville, Florida 32611, U.S.A.

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Department of Plant Biology
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Syracuse, New York, 13210, U.S.A.

ISCE Councilors

M. Berenbaum, U.S.A.
P. Confalone, U.S.A.
T. Chuman, Japan
D. Daloz, Belgium
W. Francke, Germany
J. Harmatha, Czechoslovakia
T. Hartmann, U.S.A.
J. Meinwald, U.S.A.
H. Niemeyer, Chile
J. Pickett, U.K.
G. Rosenthal, U.S.A.
L. Schoonhoven, The Netherlands
S. Schulz, Germany
D. Seigler, U.S.A.
A. Smith III, U.S.A.
S. Takahashi, Japan

Membership Secretary

Martine Rowell-Rahier
Zoologisches Institut der Universität
Rheinsprung 9
CH 4051, Basel, Switzerland



John T. Romeo, Editor
ISCE Newsletter
University of South Florida
Department of Biology
Tampa, FL 33620, U.S.A.

REGISTRATION and ACCOMMODATION FORM

9th Annual ISCE Meeting, Kyoto, Japan

July 6 - 9, 1992

Please complete and return to: Dr. Shozo Takahashi
 Tel: (075) 753-6306 Pesticide Research Institute
 Fax: (075) 753-6312 Faculty of Agriculture, Kyoto University
 (International: Kyoto 606, Japan by May 15, 1992
 ISD No. -81-75-753-6312)

(Please type or print)

Name: Mr./Ms. ___ prof. ___ Dr. _____
Family name First name

Affiliation: _____

Mailing Address: _____

Registration Fee	Residents of Japan		Overseas Participants	
	Before May 15, 1992	After May 16, 1992	Before May 15, 1992	After May 16, 1992
ISCE full member	¥15,000	¥17,000	\$100	\$110
ISCE student member	¥ 5,000	¥ 6,000	\$ 40	\$ 45
Full non-member	¥17,000	¥19,000	\$120	\$130
	¥16,000*	¥18,000*	-	-
Student non-member	¥ 6,000	¥ 7,000	\$ 50	\$ 55
Accompanying person	¥ 5,000	¥ 5,000	\$ 40	\$ 40

*Members of Japanese Supporting Societies

Please circle applicable fee(s)

Total sum ¥ _____(yen) US \$ _____

Remittance being made by bank draft ___ money order ___ bank transfer ___

Application for Hotel Accommodation

The Organizing Committee has reserved only twin rooms in Holiday Inn Kyoto at a reduced rate for ISCE participants.

___ Single Check in Check out Total nights ___
 July ___ July ___

___ Double July ___ July ___ Total nights ___

Name of person sharing room _____

___ Triple July ___ July ___ Total nights ___

Name of persons sharing room _____

___ I will make my own arrangements

___ Special request _____

(University dormitories are not available)

Date _____ Signature _____

ABSTRACT FORM
9TH ANNUAL ISCE MEETING, KYOTO, JAPAN
JULY 6 - 9, 1992

Name: _____

Affiliation: _____

Mailing Address: _____

Phone: _____ Fax: _____

___ I would like to give an oral presentation (12 min. talk and 3 min. discussion) in:
Session 1___ 2___ 3___ 5___ 6___.

___ I would like to give a poster presentation on a subject related to:
Session 1___ 2___ 3___ 4___ 5___ 6___ other(s)_____.

Poster board size: 90cm (W) x 140cm (H). Discussion period: 15:00-17:00, July 8.

Please include:

Title of Oral or Poster Presentation.
Author's surname, First Name, Second Author First Name, Surname, etc.,
Organization, Address. We suggest the use of Pica (10 letters/inch) as character.
ABSTRACTS MUST BE RECEIVED BY MAY 15, 1992 and be mailed to:
Dr. Shozo Takahashi, Pesticide Research Institute, Faculty of Agriculture, Kyoto University,
Kyoto 606, Japan.

Student Travel Award Application
Ninth Annual ISCE Meeting, Kyoto, Japan
6-9 July 1992

Eligibility Rules:

1. Be a paid-up student member of the ISCE and still be enrolled as a full-time graduate student OR be a paid-up member of the ISCE and be a full-time postdoctoral research associate.
2. Present a paper or poster at the meeting.
3. Not have previously received an ISCE travel grant.

Mail to: Dr. Donald J. Gerhart, Chair
Student Awards Committee
Duke University Marine Laboratory
Beaufort, NC 28516 U.S.A.

Application must be postmarked no later than 20 March 1992.

Name and Address:

Degree	University	Country	Year

Travel Budget (provide price quotes when possible)

Alternate Sources of Travel Funds
Obtained:
Applied for:

Applicant's Signature: _____ **Date:** _____

Applicant's Senior Advisor:

Name: _____

Address: _____

Advisor's Signature: _____

Title and Abstract of Presentation

Blank area for writing the title and abstract of the presentation.

List of Publications/Conferences, etc.

Blank area for listing publications, conferences, and other relevant information.