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President's Message



The 30th birthday of our Society is approaching along with the 40th anniversary of our Journal, the Journal of Chemical Ecology! When I took over the ISCE presidency from Ring Carde in August, we noticed that a round birthday will occur in my presidency. This might be the proper time to have a look back at the achievements of our society and, even more importantly, the vision for the future. Please sit back for a moment to think about your own experience with the ISCE. Was it helpful to you personally? In most cases, I think, the answer will be yes in one aspect or another.

At this point I would like to thank Alex Il'ichev and coworkers for the overwhelming program of this year's Melbourne meeting. It was stimulating, of very high scientific quality and truly integrating. It also was the first joint meeting of the ISCE with APACE, the Asian-Pacific Association of Chemical Ecology and a huge success with more participants than at any previous meeting. There also was a substantial number of scientists from developing countries, which is a good sign. Although Melbourne is a place almost the farthest possible from my hometown, the travel to this year's ISCE meeting was well worth the effort

Some birthday celebration will certainly take place at next year's meeting in Urbana, Illinois, USA. The society can rightfully celebrate this date, having accomplished much in its three decade history. This meeting will be organized by May Berenbaum and again is a joint meeting, together with the "Chemical Signals in Vertebrates" symposium, organized by Bruce Schulte. As the joint meeting trend is catching on, in 2015 a joint meeting in Curitiba with the Latin American Association of Chemical Ecologists (ALAEQ) will take place. So the question may arise: How to tie all these chemoecological societies together? How to prevent that the international scientific scene in this field falls apart?

At the 30th birthday, one is usually in a good position, strong and self-confident, ready for new duties. I think the society is in this state right now. A key term for the future might therefore be expansion. Expansion might be seen on a personal level, the first dimension: Please convince your colleagues and students that an ISCE membership brings benefits and also brings you into contact with a nice and bright group of people and excellent scientists. Chemical ecologists by definition have to cope with many disciplines, so they are open-minded, an approach to science that is in their "genes". But expansion does not only mean members, but also topics, the second dimension. While pheromone communication and insect-plant interactions are particularly strong areas and will certainly continue to be strongholds of our Society, I think we should expand our focus and emphasize other aspects of chemical ecology as well. Such areas include microbial chemical ecology, chemical ecology in the marine environment and vertebrate chemical ecology among others. The microbial chemical ecology symposia during the last meetings showed that we are on a good track in this respect. Let us continue in this direction. We need also scientific and personal input from colleagues currently not involved with our society. If we are not able to integrate new areas, we might end up as a small niche society with no impact.

Chemical ecology is a broad field, combining many techniques from many different fields. This is an advantage, but one has the disadvantage that sometimes cutting edge research in certain methodologies has to be imported from specialists, the third dimension. Therefore, it is important to attract specialists to the field, but we don't want to treat them as pure suppliers of an analytical technique, a compound, or a mathematical model. Such interest will be of short duration. The biggest benefit will come from direct integration into projects from both sides. In my opinion, I see, for example, that we need more chemists in the society, but there are certainly other fields as well.

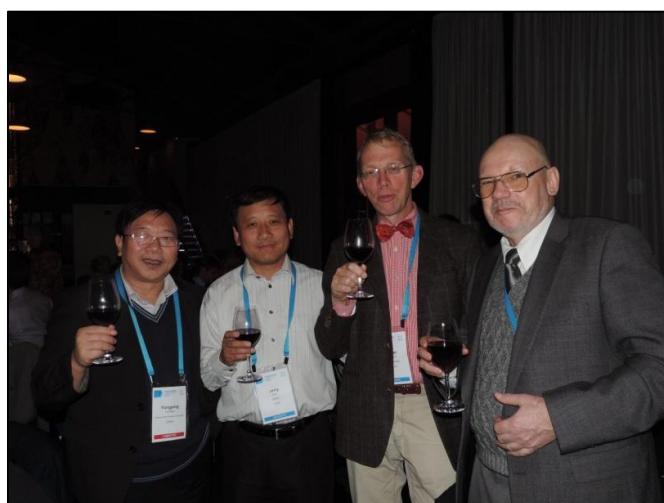
The society generally is in good shape. Therefore, we should also consider to try to develop it further. Ring Carde, who served as an excellent president, started to overhaul the Bylaws. However, there are also other things we can do. More members means more possibilities. I hope to discuss these and other issues with you next year in Urbana or even earlier. If you have any suggestions or ideas, send an email to me.

Tschüs, bis dann

Stefan Schulz
President

Impressions of Melbourne 2013

Additional photographs will soon be available on the ISCE website (<http://www.chemecol.org/galleries.shtml>)



International Conference on Chemical Ecology, Melbourne 2013

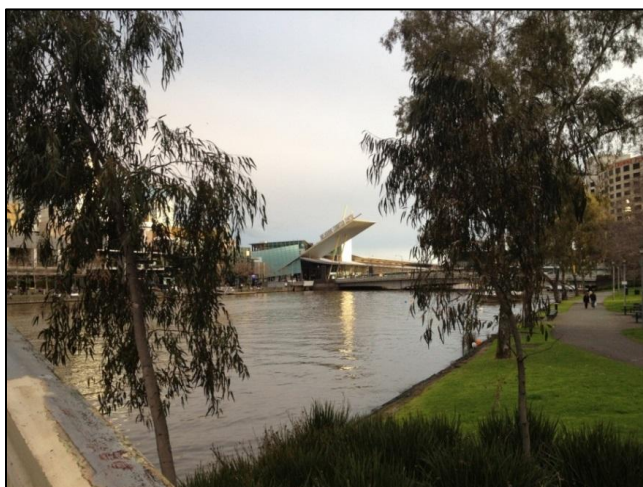
Summary of the meeting by the host Alex Il'Ichev

The International Chemical Ecology Conference (ICEC 2013) was held, to great success, on the 19-23 August 2013 at the Melbourne Convention and Exhibition Centre (MCEC), Victoria, Australia and hosted by the Department of Environment and Primary Industries (DEPI) Victoria, Biosciences Research Division. This first joint meeting of the Asia-Pacific Association of Chemical Ecologists (7th APACE biannual conference) and the International Society of Chemical Ecology (29th ISCE annual conference), extended invitations to all Chemical Ecologists around the globe, and achieved a long-term aspiration of APACE and ISCE founders and executives.



The host Alex Il'Ichev and our ISCE president Ring Cardé

Our ICEC 2013 academic program showcased the diversity of Chemical Ecology research which includes plants, microorganisms, invertebrates, vertebrates, soil and aquatic organisms, as well as examples of chemical interactions between all trophic levels. More than 460 abstract submissions for oral and poster presentation were received. The symposium organizers selected 240 submissions for oral presentations in two full day and 15 half-day symposiums, and the remaining submissions were accepted as poster presentations. The conference venue MCEC, the world's first "Six Green Star" environmentally rated centre, is integrated with the Hilton South Wharf Hotel and nestled on the Yarra River close to many hotels, cafes, shops and the Art Centre. More than 400 delegates from 42 countries attended ICEC 2013 in Melbourne and this first joint APACE and ISCE conference became a great success. Hopefully we can meet together again in Kyoto, Japan.



The 2013 meeting venue in Melbourne, Australia.

The ICEC 2013 opening ceremony started with welcome talks from ICEC 2013 Chair Prof. Alex Il'Ichev, and Prof. Ferman Spangenberg, host Executive Director of Biosciences Research Division, Department of Environment and Primary Industries. The conference was officially opened by DEPI Chief Scientist Dr. Graham Mitchell, followed by welcome talks from ISCE President Prof. Ring Carde and APACE President Prof. Yongping Huang.

Delegates from 42 countries participated, including (numbers per country) Australia (86), China (46), Germany (25), India (10), Japan (53), New Zealand

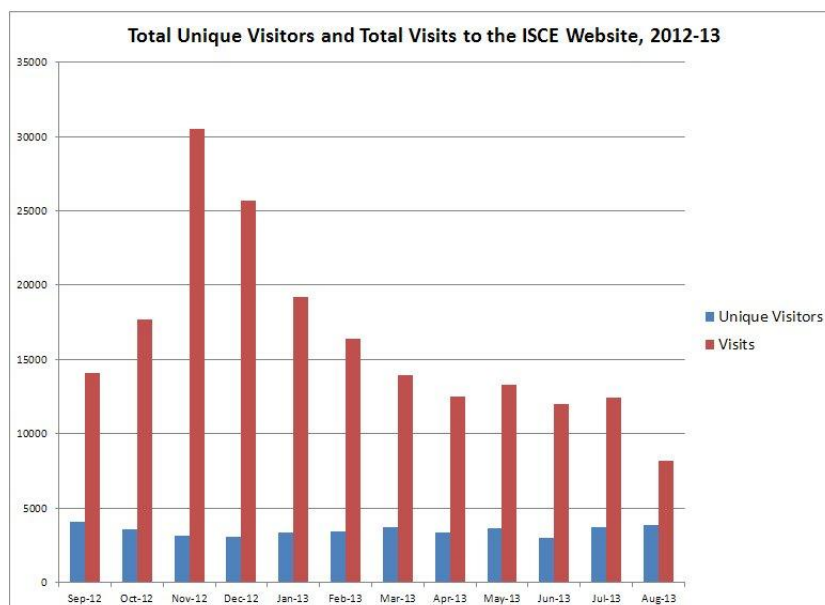
(26), South Korea (7), Sweden (12), United Kingdom (8), and USA (46). Belgium, Indonesia, Israel, Philippines, Singapore, South Africa, Turkey, Russia, Ukraine, Pakistan, Belorussia, Bangladesh, and Nigeria were represented by one member each. Delegates came from all continents: Europe (17 countries), Asia (14 countries), Australia and New Zealand, North America (USA and Canada), South America (Brazil, Chile, and Argentina), and Africa (South Africa, Kenya, and Nigeria). Only Antarctica did not send delegates! The total number of participants was 407, the largest number of participants in the ISCE history to date.

The conference was held over four intensive days, the first day was filled with plenary lectures and the three other days with short presentations divided into 18 symposia and a poster session (see <http://www.chemecol.org/pastmeetings.shtml>). Four concurrent sessions were necessary to host the large number of participants and ensure intensive discussions.

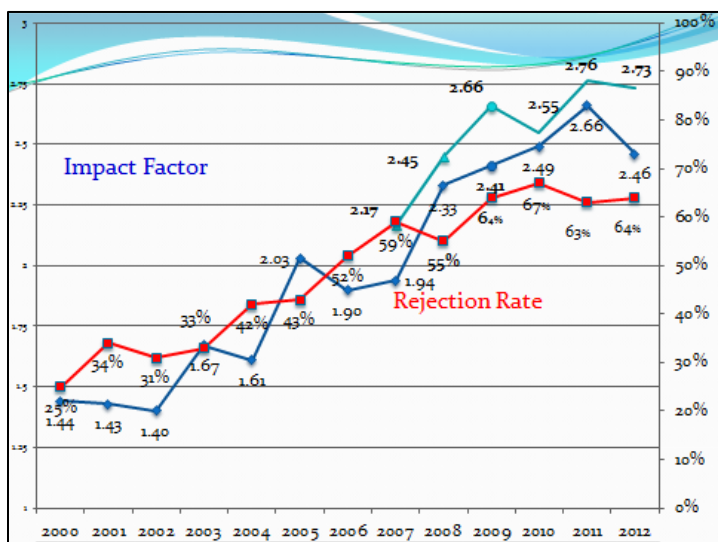
The conference dinner was held at the restaurant "Showtime" located very close to the conference center and the river. The day after the final presentations, options to visit locations in the vicinity of Melbourne were offered, including a field day tour to the Yarra Valley Agriculture Area and a visit to the Healesville Sanctuary - which is a zoo specializing in native Australian animals. We were transported by bus and were taken on a guided tour of the zoo, after which we had the time to eat lunch at one of the three cafes available at the zoo. Another option was a half day tour at AgriBio, Centre for AgriBiosciences. AgriBiosciences centre is a \$288 million world-class state-of-art facility for agriculture biosciences research and development. A joint initiative of the Victorian Government, through the Department of Environment and Primary Industries (DEPI) and La Trobe University, brings together world-leading scientists in plant and animal biosciences, biosecurity, bioprotection and soil sciences enabling the following technology platforms: genomics, transcriptomics, proteomics, metabolomics, phenomics, biocontainment, bioinformatics and advanced scientific computing.

Business Meeting 2013

Our new webmaster, Rob Mitchell, introduced the webpage and encouraged all members to contribute to its content. He also showed the number of visits to the society homepage and brought attention to a rather high level of visits in November last year. If you want to get more information on the website or have any suggestion, please contact him.



The Treasurer Jeremy Allison reported on the economy of the ISCE and the membership status. We have 496 active members from 47 countries. There are 97 life members, 310 regular members, 87 student members, and 2 sponsor members. Our membership increased by 9.5% in 2013. Currently, student members make up 17.5% of our membership. In recent years we have had a poor rate of membership renewal. For the second year in a row we observed a decline in the rate of non-renewal and simultaneously an increase in membership. This is a good sign. The ISCE contributed with \$16,500 for Student Travel Awards at the 2013 ISCE Annual meeting.



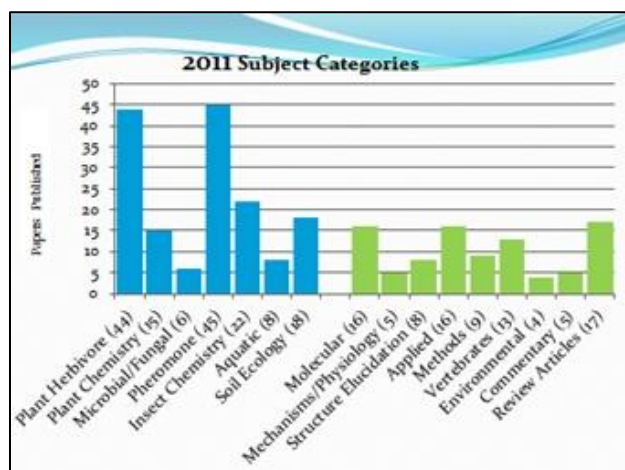
John Romeo, JCE Editor, presented the publishing policy of JCE, the proportion of rejected papers is high and differs among countries.

Topics still dominating in the journal are plant herbivore interactions and pheromones but there is a wide array of ecological / chemical interactions topics that are accepted.

Interesting new topics are introduced and discussed in the commentaries which can be found as “free access” on our home page, under publications.

Reasons to reject a manuscript might be:

- Lack of ecological rationale
- Lack both chemical & ecological/behavioral component
- Insufficient breadth to have international appeal
- Chemical, SPME, Molecular Guidelines not followed
- Unacceptable English
- Preliminary
- Environmental science – not chemical ecology



Student Travel Award Winners 2013

Toulassi Atiama-Nurbel, *Reunion*
Jan Edgar Bello, *USA*
Utpal Bose, *Australia*
Tyler Buchinger, *USA*
Emilie Deletre, *France*
Bao-Jian Ding, *Sweden*
Eilisabeth J. Eilers, *Germany*
Toru Fujii, *Japan*
Rachel Harris, *Australia*
Samira Hassan, *Australia*
Tania Jogesh, *USA*
Sarah Koch, *Germany*
Naiyong Liu, *Australia, China*
Zhixin Luo, *Japan*
Robert Mitchell, *USA*
Prashant Mangalgikar, *India*
Chandrashekharaiyah Muniyappa, *India*
Yuta Muraki, *Japan*
Malini Periasamy, *Taiwan*
Stefanie Schläger, *Germany*
Christopher Wheeler, *USA*
Tao Zhao, *Sweden*

Best Student Presentations of the Melbourne 2013 Meeting

In a joint effort of APACE and ISCE the best posters and the best talks presented by students were selected for the respective awards.

Best presentation:

Daniela Schneider
Jan Edgar Bello
Dominic Clarke
Shin Tejima
Rebecca Neumann
Guillaume Coulier

Best Poster:

Andrew Gherlanda
Umar Lubanga
Suyog Kuwar
Takashi Eguchi
Wataru Hojo
Shinichiro Murakami

ISCE Silver Medal



The ISCE Silver medal was awarded to **Walter S. LEAL**. He gave an inspiring talk. Please look at the abstract below to get an impression of his topic.

CHEMICAL ECOLOGY WITH A CAST OF THOUSANDS AND RECOGNITION OF ONE

Professor Thomas Hartmann once said that students, postdoctoral scholars, visitors, collaborators, and other co-workers perform the scientific work that leads to professors' honors and awards. Speaking for myself, the Silver Medal lecture is no exception. As I've discussed multiple times with Professor Tom Baker, in academia we are privileged that taxpayer dollars are entrusted to us to do fascinating work: to ask intriguing questions, to let students and postdocs find the answers, and to go around the world spreading the good news. Thanks to the support from multiple funding agencies and other sponsors, I have been cheerleading current and past lab members, collaborators, and many others to unravel the intricacies of the insect olfactory system and to advance the field of chemical ecology. As I will discuss in this presentation, my major interest is in the fundamental aspects of insect chemical communication, but I will never forget Society's investment in my research. As insects' lives intertwine with ours by damaging our crops and inflicting human suffering by vectoring pathogens, it is possible to serve two Gods: basic and applied biology/entomology. I am interested in understanding the molecular mechanisms of chemical communication. At the onset, "molecular" meant to me pheromones and other semiochemicals. Then they led me to "large molecules" – the ones involved in the reception of the smaller ones. I will briefly discuss our research on the carriers, the odorant-binding proteins; the detectors, the odorant receptors; and the terminators, the odorant-degrading enzymes. Together, they form the pillars of a sophisticated insects' olfactory system for the reception of semiochemicals, but as we gain a better understanding of the molecular basis of interactions between small and large molecules, their sophistication may become an Achilles' heel. Hopefully, these studies, along with research in many other laboratories throughout the world, will lay the foundation for the rational design of eco-friendly, green chemicals for controlling populations of insects of medical importance and agricultural pests while preserving beneficial insects.

Silverstein Simeone Lecture Award



The Silverstein Simeone Lecture award winner **Consuelo de Moraes** fascinated the auditorium with a splendid talk including movies of odor taxiing in plants. You can read her abstract below

CHEMICALLY MEDIATED INTERACTIONS AMONG PLANTS, INSECTS, AND PATHOGENS

Olfactory cues mediate diverse interactions among plants and other organisms. Over the past two decades a key focus of chemical ecology has been on elucidating the role of constitutive and induced plant volatiles in conveying information to insect herbivores and their natural enemies. It is now well established that volatile blends can carry complex information about the identity and status of emitting plants, and that insects and other organisms perceive and respond to such cues in sophisticated and sometimes surprising ways. A great deal of research has documented the role of volatiles in tri-trophic interactions and explored implications for the control of herbivorous pests in agricultural ecosystems, and recent work is extending these insights in a variety of exciting directions. These include increasing attention to population-level and evolutionary processes occurring in natural communities, to the role of volatile chemistry in mediating interactions in complex environments in which plants simultaneously interact with a diverse community of other organisms (including microbial symbionts and pathogens as well as insects), and on the perception of olfactory cues by plants themselves. In this talk, I will describe these developments and discuss recent work from our program in each of these areas. Specifically, I will discuss recent studies exploring (i) the effects of inbreeding and genotypic variation within plant populations on community level plant-insect interactions, (ii) the influence of pathogen-induced changes in host plant odors on interactions with vector and non-vector insects, and (iii) plant responses to olfactory cues from other plants and from insects.

The APACE Life-time Recognition Sumitomo Award winner Kenji Mori gave a memorable lecture in the art of synthesizing biologically active molecules.



SEMIOCHEMICALS - THEIR STEREOCHEMICAL DIVERSITY AS REVEALED BY ORGANIC SYNTHESIS

Do the two enantiomers of a chiral semiochemical show different bioactivities? In 1973, when I started my pheromone synthesis, no one could answer this question. My long-standing purpose of pheromone research is to clarify the significance of chirality in pheromone science by determining the absolute configuration of pheromones through their synthesis. Various stereoselective synthetic methods were used

to synthesize the following bioactive natural products.

(1) The male aggregation pheromone (4,8-dimethyldecanal) of *Tribolium castaneum*. The natural pheromone is a stereoisomeric mixture.

(2) The male sex pheromone [CH503, (3*R*,11*Z*,19*Z*)-3-acetoxy-11,19-octacosadien-1-ol] of *Drosophila melanogaster*. The bioactivity of natural CH503 is weaker than that of the unnatural stereoisomers.

(3) A cytotoxic metabolite miyakosyne A [(3*R*,4*E*,14*S*,24*E*,26*R*)-14-methyloctacosa-4,24-diene-1,27-diyne-3,26-diol] of a marine sponge *Petrtosia* sp. A concise synthesis was achieved by two-directional approach employing olefin cross metathesis and lipase-catalyzed acetylation.

Diversity is the hallmark of the relationship between stereochemistry and bioactivity. The existing dogma “only a single enantiomer is bioactive”- must be modified.

Upcoming meetings

ISCE meeting in Urbana, Illinois, USA

Host: May Berenbaum

Location: Champaign-Urbana, Illinois, USA

Dates: 8-12 July, 2014

The 30th meeting of the ISCE will be held jointly with the biannual symposium “Chemical signals in vertebrates” at the University of Illinois campus in Champaign-Urbana, Illinois, USA. The meeting will take place from 8-12 July 2014, graciously hosted by **May Berenbaum**. Additional details will be announced here and on the ISCE website as the meeting draws closer. An official website for the 30th Annual Meeting will be released in the coming months and will contain the most up-to-date and complete details about the meeting.

Please follow the updates continuously posted on the ISCE website, under “meetings”

Following ISCE meetings will be held in Stockholm, Sweden, in 2015 and in Curitiba, Brazil, in 2016. The 2016 meeting will again be a joint conference, this time together with the Latin American scientists. Finally, because of the success of the Melbourne meeting, it was decided that a second joint meeting with APACE will take place in 2017 in Kyoto, Japan. This may eventually lead to joint meetings with APACE every 4 years.

Call for Nominations for the Year 2015

Nominations for the ISCE Silver Medal and Silverstein-Simeone Award

The ISCE Silver Medal Award recognizes career achievement by an outstanding scientist working in the field of Chemical Ecology. The Silverstein-Simeone Award, established in 1995, to honor Milt Silverstein and John Simeone, is made on the basis of recent or current work of outstanding nature at the “cutting edge” of Chemical Ecology. The recipient must deliver a plenary lecture at the annual ISCE meeting and publish a paper on the same topic in the Journal of Chemical Ecology. The expenses of the recipient of the

Silverstein-Simeone Award to attend the annual meeting are paid by the society through the generous sponsorship of Springer Publishers. Nominators should be ISCE members in good standing. Nominations will be reviewed by the President and Vice President for relevance to the appropriate award, before forwarding them to the full ISCE Executive Committee. Should a nomination for one award be considered more relevant for the other award, the President will contact the nominator(s) regarding reconsideration. Current ISCE officers or councilors are not eligible for the awards because of possible conflict of interest. Note that previous, unsuccessful nominations must be re-nominated to be considered for the awards. It would be helpful to resubmit the nomination packets for these individuals.

The nomination process is the same for both awards and is as follows:

- A nomination letter explaining why the nominee should be recognized for the award, stressing either their current cutting-edge research (for the Silverstein-Simeone award) or their career achievements (for the Silver Medal award).
- Curriculum vitae, including a list of publications pertinent to the research on which the award is based (for the Silverstein-Simeone award), or a full list of publications (for the Silver Medal award). Supporting letters from other colleagues may be included.

Please submit all parts of the packet in electronic format (including supporting letters) along with one paper copy to ISCE President

Prof. Stefan Schulz
Institute of Organic Chemistry
TU Braunschweig
Hagenring 30
38106 Braunschweig
Germany
email: stefan.schulz@tu-bs.de
Phone: +49 531 391 7353

Deadline for the nominations is January 31, 2014

It is also time to nominate a Vice-President and four new councilors.

The position of Vice-President is prestigious in that he/she will be elected the Society President in the year following tenure of the role of Vice-President.

ISCE councilors are elected for a term of three years. Councilors must attend at least two ISCE Executive meetings during the three year period. Other principal responsibilities are participation in the selection of the Silver Medal and Silverstein-Simeone Award and to provide general guidance and assistance to the Executive Committee. All people nominated for the above positions should have a strong record of participation in Society activities and meetings.

Please send names, contact addresses, phone and fax numbers, and e-mail addresses of candidates along with a short description of why you think the candidate(s) would be suitable for office and, of course, the candidate has to be informed of the nomination before submission to our president Stefan Schulz.

Prof. Stefan Schulz
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TU Braunschweig
Hagenring 30
38106 Braunschweig
Germany
email: stefan.schulz@tu-bs.de
Phone: +49 531 391 7353

Deadline for the nominations is January 31, 2014

Other News, Courses



Penn State University's Center for Chemical Ecology

announces

ICE 14

**Graduate Course in Insect Chemical Ecology
Penn State University, USA, June 1 - 15, 2014**

Penn State University's Center for Chemical Ecology is pleased to announce a two-week-long summer course in Insect Chemical Ecology called ICE 14 that will be conducted on the Penn State campus June 1 - 15, 2014. The course will feature guest lectures by, and discussions with, 22 different chemical ecology experts from around the world.

ICE 14 is a continuation of the highly successful ICE short course series that began at the Swedish Agricultural University at Alnarp (SLU Alnarp) in 2003 and now rotates annually between Penn State, SLU Alnarp, and the Max Planck Institute for Chemical Ecology in Jena, Germany. It was last held at Penn State in June 2010.

Each day, students will hear lectures by different international experts and have small group discussion sessions with them in an informal setting. There will be a field trip to fruit orchards in southern Pennsylvania to see applied uses of semiochemicals in successful commercial-grower IPM settings. Also, there will be hands-on laboratory experience with a variety of techniques in semiochemicals research.

The early registration fee will be \$650 US if students register on or before March 31, 2014. After March 31 the registration fee will be \$750 US. The registration fee covers enrollment in the course, field trip to Southern Pennsylvania orchards, coffee, tea, and snacks at the coffee breaks. The course will be on a first-come first-serve basis and enrollment will be capped at 50 students. Graduate students will have priority, but post-docs and others will be accepted as well if there is room. Full refunds will be issued to cancellations received by May 15.

To REGISTER and for further information: Please visit <http://agsci.psu.edu/ice>

Positions available

See also ISCE homepage <http://www.chemecol.org/> under “Recent News” where we continuously advertise new positions.



ASSOCIATE PROFESSOR

DEPARTMENT OF BIOLOGY

SCHOOL OF ARTS AND SCIENCES

NOTRE DAME OF MARYLAND UNIVERSITY

Notre Dame of Maryland University, a selective liberal arts university, transforms the lives of its students. Confident, capable learners and leaders thrive in the vibrant, personal community at Maryland's distinguished women's university, located in Baltimore with satellite locations throughout Maryland. The University's history enriches innovative opportunities, as students immerse themselves in research, study abroad and service to the global community. Women and men succeed in our College of Adult Undergraduate Studies, and Graduate programs. Graduates excel as leaders in careers, communities and families - and transform the world.

Staff and faculty enjoy a collaborative, fast-paced, and challenging work environment. In recognition of your hard work, the University offers a comprehensive benefits package including health, dental, and vision, as well as retirement and tuition remission for you and your eligible dependents.

The Biology Department of Notre Dame of Maryland University proposes to hire a full-time, tenure-track, associate professor with a specialty as an *ecological biochemist*, beginning on August 15 of

academic year 2014-15. *The ideal candidate will have a background focused on plant sciences and the potential to provide additional leadership within the department. The appointee will teach undergraduate courses in biochemistry and ecology.*

The department seeks to welcome a colleague who values working in a liberal arts and sciences environment and has a particular interest in research with undergraduates. Preference will be given to a candidate with the potential to collaborate with existing campus expertise in medicinal plants. Faculty are expected to be deeply involved in the life of the University, including advising students, and participating in major University events, and to be open to online teaching assignments.

Candidates should provide a current curriculum vitae, names of three persons willing to provide letters of reference, a statement of teaching philosophy and a research statement that particularly addresses research with undergraduates. All materials must be submitted through Interview Exchange: <http://ndm.interviewexchange.com>

Review of applications will begin immediately, with finalists identified in December and scheduled for campus visits in late January. Questions to be referred to Dr. Peter Hoffman, chair of the Department of Biology and director of the search (phoffman@ndm.edu).

Resolution of the IOBC Working Group

The following resolution dealing with the application of pheromones has been supported by some of our members. In case of interest please contact Marco Tasin at the address below.

Resolution of the IOBC Working Group “Pheromones and other Semiochemicals in Integrated Production”

Here in Bursa, Turkey, during the IOBC meeting of the working group “Pheromones and other Semiochemicals in Integrated Production”, over 100 scientists from 41 countries have met over five days (October 1-5, 2012) to discuss the latest advances in integrated pest management with semiochemicals. These naturally occurring compounds modify insect behaviour despite their very low quantities, and are not toxic in the environment. The use of semiochemicals is very sustainable, and meets the goals of the directive 2009/128/EC (21 October 2009), establishing a framework for Community action to achieve the sustainable use of pesticides. During the meeting in Bursa it became apparent that significant hurdles still exist in product regulation within the European Union for companies trying to commercialize these technologies. These hurdles are significantly more difficult to overcome than outside Europe.

During the meeting we are glad to have had the first opportunity to host a representative from EPPO and discuss together the development and revision of guidelines for biological efficacy testing of plant protection products based on semiochemicals. We are glad that EPPO invited our working group to participate actively in the development and revision of guidelines that relate to semiochemical-based products. Although this represents a significant step forward towards a new working relationship between EPPO and IOBC, we believe we can be of help not only to develop guidelines for efficacy testing, but also to assist in the interpretation of other aspects of the regulatory process. Given the wealth of expertise and

experience that exists within this IOBC working group, which has now been in existence since 1975, we trust that bodies such as DG Sanco and EFSA will also call upon our expert knowledge whenever required.

The meeting resolved to request EU regulators to take greater measures to facilitate the registration of insect pheromones and other benign semiochemicals for pest management, because of the many advantages that they have over conventional pest control interventions, such as insecticides.

Approved by 65/65 participants present at the meeting session on 2012 10 04

Referent for this resolution:

Marco Tasin

Convenor of the IOBC Working Group: "Pheromones and other Semiochemicals in Integrated Production"

Swedish University of Agricultural Science

Integrated Plan Protection

230 53 Alnarp, Sweden

email: marco.tasin@slu.se

Secretary / Editor's Message

Dear members, I recommend you to visit the website <http://www.chemecol.org> regularly as news is continuously posted. There you can read JCE commentaries where new ideas are presented and important topics in Chemical Ecology are discussed. The website is a mirror of our members' interests. To share news and events with your colleagues, or announce positions and employment opportunities, please contact the Secretary (Anna-Karin Borg-Karlson; akbk@kth.se) or Webmaster (Rob Mitchell). You can easily renew your membership and find addresses and other contact information of colleagues by following the link: <http://www.chemecol.org>