

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

VOL. 55, NO. 4

www.cps-scp.ca

December 2011

President's Message

Happy New Year. I hope all of you had time to spend with friends and family over the holiday season. The fall is always a busy time for collecting data, analysis, and report writing, and is also the time when most or all of the regional CPS groups have their annual meetings. Now that we are in 2012, I



Mary Ruth McDonald
CPS-SCP President/Présidente

Inside this issue:

Announcements	83
Awards	78
Contact the Editors	86
Deadline for the March Issue	85
Employment	85
Message de la Présidente	73
People and Travel	82
President's Message	71
Regional Meeting Reports	75

am still writing reports, but will soon be looking toward the coming field season and the CPS annual meeting.

Regional Meetings

The CPS regional meetings are very important events for plant pathology in Canada. They provide a great opportunity to hear about the latest developments in research and new or re-emerging pathogens. They are also a great place to catch up with colleagues, including those who work down the hall or across the street. Usually more grad students, post docs and technicians can participate in these meetings, and grad students can "get their feet wet" with poster or oral presentations in a situation that is a bit less intimidating than a national or international conference. The recognition that comes with winning an award for a

presentation provides a nice boost to the confidence, and looks great on a CV. In the interests of encouraging grad student membership in CPS, why not include a membership for the coming year as part of the grad student awards?

These regional meetings only take place because people volunteer their time. The efforts of the organizers are much appreciated. Check out the regional sections of the CPS website for information and updates.

Membership and Awards

Involving graduate students and early career scientists in the Canadian Phytopathological Society is a top priority. The CPS Board is considering ways to encourage grad students to become members of CPS and to remain involved when they move into the working world. We'd be happy to hear your ideas.

One initiative, suggested by past president Richard Belanger, is a scholarship for graduate students in plant pathology. Plans for this are in the works and the details will be announced at the 2012 annual meeting. Again in 2012, there will be three travel awards for grad students to help cover the costs of attending the annual meeting. This is a good time for grad students and supervisors to start talking about attending the meeting and applying for the travel awards. Students must be members of CPS to be eligible; another good reason to keep your membership current.

Online membership renewal was available for the first time this year. If you haven't renewed your membership yet, now is the time to do it! Thank you to web master Tom Hsiang and Treasurer Sarah Hambleton for their work in making the online system a reality.

This is also a good time of year to consider nominating a worthy colleague for a CPS award. When two or three people get together to prepare a nomination, it is not a hard job. Submit nominations to Odile Carisse (odile.carisse@agr.gc.ca), the Chair of the Awards Committee.

Environment Canada and plant pathology

One of the biggest issues facing plant pathology in Canada for the past year and a half has been the new interpretation of the Environment Canada regulations for New Substances Notification (Organisms). This involves plant pathogens that are increased in the lab ("manufactured") and applied in the field. We have been working closely with Jeff Stewart, Agriculture and Agri-Food Canada, and Pierre Petelle of CropLife Canada to come to a solution that will be acceptable to all parties. The Science Policy Committee of CPS, under the leadership of Fouad Daayff, prepared draft submissions this fall, and there have been some positive steps. Dr. Karen Dodds, ADM, Environment

Canada, has been very helpful in suggesting reasonable solutions and Jeff Stewart has been working closely with Environment Canada to sort out

the details.

The progress on this issue is promising, but we are not out of the woods yet. The CPS is continuing to cooperate with the other parties towards a resolution and we will provide specific details to the membership as soon as possible.

Niagara Falls, June 1012

The 2012 annual meeting will be held in scenic Niagara Falls, Ontario, June 24 to 27. The Niagara Peninsula is an area of wineries, orchards, and many other facets of horticulture. A great place for those who enjoy plants, plant diseases, or just beautiful scenery, not to mention "The Falls".

Some interesting reading

Two books, not directly related to plant pathology, that I recommend, are *The Botany of Desire* by Michael Pollan, and *Freakonomics* by Steven D. Levitt and Stephen J. Dubner. These books provide entertaining reading and suggest different ways of

looking at the world, which in the end, can have applications to science. *The Botany of Desire* has been required reading in my lab for several years, an idea I got from a plant breeder colleague, Irwin Goldman, at the Univ. of Wisconsin. It challenges our ideas about plants and plant breeding, arguing that plants use people to achieve evolutionary success (reproduction and dispersal) as much as people use plants. He uses interesting stories of human interactions with four very different plant species to illustrate our co-dependence.

I came across *Freakonomics* more recently, and started recommending that book to my lab last year. *Freakonomics* is written by an economist who uses statistics to challenge many of our assumptions and “common knowledge” about the world we live in. Looking at situations from different angles, and then testing assumptions (hypotheses) using statistics, has many applications to our work as researchers. Indeed, the APS had a session “The Freakonomics of Plant Pathology” at their 2011 meeting.

Happy reading. I look forward to seeing you at the 2012 annual meeting, and maybe discussing these books at the reception or banquet.

Message de la Présidente

Bonne Année! J’espère que, durant la période des fêtes, vous avez tous pu passer du temps avec les membres de votre famille et vos amis. L’automne est toujours occupé. C’est le temps de collecter les données, de procéder aux analyses, de rédiger les rapports. C’est également le temps pour la plupart des groupes régionaux de la Société canadienne de phytopathologie (SCP) de tenir leur réunion annuelle. Bien que la nouvelle année soit bien amorcée, j’en suis encore à rédiger des rapports, mais, bientôt, nous envisagerons la campagne sur le terrain et la réunion annuelle de la Société.

Réunions régionales

Les réunions régionales de la SCP sont primordiales pour la phytopathologie au Canada. Ce sont des occasions uniques de se tenir au fait des derniers

avancements de la recherche ainsi que des agents pathogènes, émergents et réémergents. Les réunions sont également des occasions privilégiées qui permettent de renouer avec des collègues, y compris ceux qui travaillent dans le même édifice que nous ou de l’autre côté de la rue. Habituellement, plus d’étudiants de 2^e et 3^e cycle, d’étudiants postdoctoraux et de techniciens peuvent participer à ces réunions. De fait, les étudiants de 2^e et 3^e cycle peuvent « se faire les dents » avec une présentation orale ou une séance d’affiche dans un environnement un peu moins intimidant qu’une conférence nationale ou internationale. La reconnaissance qui accompagne le fait de gagner un prix pour une présentation procure une bonne dose de confiance, en plus de bien paraître sur un CV! Afin d’encourager ces étudiants à adhérer à la SCP, pourquoi ne pas, cette année, inclure le coût de l’adhésion dans les prix qui leur sont destinés.

Ces réunions annuelles ne peuvent être tenues qu’à cause des bénévoles qui y consacrent leur temps. Les efforts des organisateurs sont grandement appréciés. Vérifiez les informations concernant les activités et les mises à jour relatives aux sections régionales sur le site Web de la Société.

Adhésion et récompenses

C’est une grande priorité que d’impliquer les étudiants de 2^e et 3^e cycle ainsi que les scientifiques en début de carrière dans la Société canadienne de phytopathologie. Le conseil de la SCP envisage des façons d’encourager ces étudiants à devenir membres de la Société et de maintenir leur engagement après qu’ils ont accédé au marché du travail. Vos idées sont les bienvenues. Une idée, lancée par Richard Bélanger, président sortant, est d’offrir une bourse d’études aux étudiants en phytopathologie de 2^e et 3^e cycle. La planification est amorcée et les détails seront dévoilés à la prochaine réunion annuelle. Encore cette année, la Société accordera trois bourses de voyages à des étudiants de 2^e et 3^e cycle pour les aider à couvrir les frais encourus par leur présence à la réunion annuelle. C’est maintenant le temps pour ces étudiants et leurs directeurs de discuter de leur présence à la réunion et de faire une demande pour obtenir une de ces bourses. Pour être admissibles, les étudiants doivent être membres de la SCP : une autre bonne raison pour que votre cotisation soit à jour.

Pour la première fois cette année, il était possible de renouveler son adhésion en ligne. Si vous ne l'avez pas encore renouvelée, c'est maintenant le moment de le faire! Je tiens à remercier Tom Hsiang, notre webmestre, et Sarah Hambleton, notre trésorière, d'avoir fait de ce service une réalité.

C'est également le temps de l'année pour commencer à penser à qui sélectionner parmi vos collègues méritants pour les récompenses de la SCP. Lorsque deux ou trois personnes se réunissent pour préparer une proposition de candidat, c'est l'enfance de l'art. Soumettez vos propositions à Odile Carisse (odile.carisse@agr.gc.ca), présidente du comité des prix.

Environnement Canada et la phytopathologie

Une de principales questions concernant la phytopathologie au Canada depuis la dernière année et demie est la nouvelle interprétation d'Environnement Canada du Règlement sur les renseignements concernant les substances nouvelles (organismes). Cela concerne les agents pathogènes multipliés (« fabriqués ») en laboratoire et utilisés en champ. Nous avons travaillé en étroite collaboration avec Jeff Stewart d'Agriculture et Agroalimentaire Canada, et Pierre Petelle de CropLife Canada afin de trouver une solution mutuellement acceptable. Le Comité de la politique scientifique de la SCP, dirigé par Fouad Daayff, a préparé l'automne dernier des projets de demandes, et il semblerait que l'on manifeste un certain degré d'ouverture. La sous-ministre adjointe, Karen Dobs, d'Environnement Canada, s'est montrée des plus obligeantes en suggérant des solutions raisonnables et Jeff Stewart a travaillé de concert avec Environnement Canada pour en préciser les détails.

Les progrès accomplis sont prometteurs, mais nous ne sommes pas encore sortis de l'auberge. La SCP continue de coopérer avec les autres parties afin de résoudre la situation, et nous vous ferons part des détails dès que possible.

Niagara Falls, juin 2012

La réunion annuelle de 2012 se tiendra dans la pittoresque ville de Niagara Falls, en Ontario, du 24 au 27 juin. La péninsule du Niagara est reconnue pour ses vignobles, ses vergers et plusieurs autres spécialités horticoles. C'est un endroit merveilleux pour tous ceux qui apprécient les plantes, les maladies des plantes ou simplement les paysages enchanteurs, sans parler des chutes.

Quelques livres intéressants

Bien que pas nécessairement liés à la phytopathologie, je vous recommande la lecture des deux livres suivants : *The Botany of Desire*, de Michael Pollan, et *Freakonomics*, de Steven D. Levitt et Stephen J. Dubner. Ces livres, pour le moins divertissants, suggèrent différentes façons de voir le monde et peuvent, au bout du compte, trouver des applications en science. Depuis plusieurs années, la lecture de *The Botany of Desire* est obligatoire pour ceux qui travaillent dans mon laboratoire, une idée qui m'a été donnée par un collègue phytogénéticien de l'Université du Wisconsin, Irwin Goldman. Le livre remet en question nos idées sur les plantes et leur sélection, soutenant que les plantes utilisent les humains pour évoluer avec succès (reproduction et dissémination), et ce, autant que les humains utilisent les plantes. Il se sert d'histoires intéressantes relatant des interactions humaines avec quatre espèces de plantes très différentes pour illustrer notre codépendance.

“C’est une grande priorité que d’impliquer les étudiants de 2^e et 3^e cycle ainsi que les scientifiques en début de carrière dans la Société canadienne de phytopathologie.”

Quant à *Freakonomics*, il m'est tombé sous la main plus récemment, et c'est à partir de l'année dernière que j'ai commencé à le recommander à mon personnel de laboratoire. *Freakonomics* est écrit par un économiste qui utilise les statistiques pour contredire plusieurs de nos hypothèses et « faits notoires » concernant le monde dans lequel nous vivons. L'observation des situations sous différents angles puis la vérification des hypothèses à l'aide de statistiques trouvent de nombreuses applications dans nos travaux de chercheurs. De fait, la Société américaine de phytopathologie a tenu une séance sur « The Freakonomics of Plant Pathology » lors de leur réunion annuelle de 2011.

Bonne lecture! J'ai hâte de vous voir à notre réunion annuelle cette année. Peut-être aurons-nous l'occasion de discuter de ces livres durant la réception ou au banquet.



Regional Meeting Reports

CPS Saskatchewan Annual Meeting

The Saskatchewan Regional Group of CPS held their annual meeting on Dec 6, 2011 in Saskatoon. The meeting was attended by 60 people, enriched by the diversity of attendees from industry and government, and a spectrum of research scientists, technicians, post doctoral fellows and graduate students. Topics for oral presentations were varied as well, including those on the chemistry of plant defense, molecular host-pathogen interactions, inoculum survival, and chemical disease management. There were several presentations concerning clubroot, discussing aspects of biocontrol, choosing a model plant for ongoing research, and the impact of soil conditions on disease expression. Invited speaker John Stavrinos from the University of Regina brought a unique look at pathogens and pathogenesis with his talk on "Deciphering the biology of *Pantoea*: a true cross-kingdom plant-pathogen". Of the ten oral presentations, four were from students. The Best Student Presentation Award was given to Estifanos Yaya for his work entitled "Novel cruciferous phytoalexins and biogenetic relationships with indole glucosinolates" coauthored with M.S.C. Pedras from the Department of Chemistry, University of Saskatchewan. Attendees also enjoyed the seven posters on topics ranging from phytochemistry to pathogenic races. Most of the posters focused on field research topics, several of which related to soilborne pathogens, soil microbial communities and/or their relationships with pesticides. The Best Student Poster Award was presented to Ahmad Esmaeili Taheri of the Department of Food and Bioproduct Sciences at the U of S for his work on "Reassessment of the role of *Cochliobolus sativus* in common root rot of cereals: an organ specific fungal community study". Mr. Taheri's work is coauthored by C. Hamel and Y. Gan (AAFC-SPARC Swift Current) and V. Vujanovic.

This was the first year that our regional meeting grew beyond a half day meeting to a full day of presentations, discussion and networking. Many thanks to all of the presenters for making this possible, and to our sponsors BASF and Bayer CropScience for their generous support.

Cheryl Armstrong-Cho
CPS Sask Regional Representative

Plant Pathology Society of Alberta Annual Meeting

The 32nd annual meeting of the Plant Pathology Society of Alberta (PPSA) was held from November 7-9, 2011, at the University of Alberta in Edmonton, AB. The 57 people who registered for the PPSA conference were presented with in-depth information on the latest research and disease survey findings through 16 oral papers and 12 posters. Abstracts for these oral and poster presentations were submitted to the *Canadian Journal of Plant Pathology* for publication. Several excellent presentations were made by graduate students from the University of Alberta and University of Lethbridge. These were judged by a panel consisting of Denis Gaudet, Ron Howard and Michael Harding. At the banquet, the Best Oral Student Presentation Award was presented to Robyne Bowness for a paper entitled "Initial insensitivity response of *Mycosphaerella pinodes* isolates to pyraclostobin fungicide". The Best Student Poster Presentation Award was presented to Melanie Kalischuk for a poster entitled "Transgenerational pathogen resistance in canola following biotic stress". An award for best technical presentation was presented to Byron Puchalski for an oral paper entitled "The 2011 stripe rust epidemic in Western Canada". The Terry Swanson Memorial Scholarship was presented to Alireza Akhavan and the Plant Pathology Graduate Student Award was presented to Melanie Kalischuk. Highlights of the business meeting included a report from the Rapeseed Congress in Prague, where Steve Strelkov noted that the plant pathology community was well-represented. A report from the Plant Canada/CPS meeting in

Halifax was given by Bruce Gossen and it was noted that a topic of particularly heated discussion at that meeting was the restrictive regulations imposed by Environment Canada, the excessive paperwork required for compliance for the simplest of soil disease projects, and the possibility that a resolution of these issues may be forthcoming. A disease survey report by Victor Manolii noted that the total number of clubroot-infected fields has risen to 831, up from 566 in 2010, and that the disease is spreading into new counties and into Saskatchewan. A report by Byron Puchalski noted a particularly heavy infestation of stripe rust this year, especially in the southeast and eastern portions of Alberta. Tiesen Cao reported on the widespread occurrence of mycosphaerella blight on field pea in central Alberta, while Kan-Fa Chang also noted the prevalence of downy mildew north of Edmonton, some cases of which were exceptionally severe. Kequan Xi reported a low prevalence of stripe rust in winter wheat fields in central Alberta, but that about half of the spring wheat fields were affected by the disease. This year, as a result of the tireless efforts of President Sheau-Fang Hwang, the PPSA was generously supported through corporate sponsorships. As a result, it was decided to buy 25 copies of *Plant Pathology in Canada 1970-2008*, which will be used to supplement future student awards. A great deal of credit is due to Steve Strelkov and the organizing committee for the venue and the abundance of healthy, nutritious food provided. In particular, Ileana Strelkov, Victor Manolii and Jie Feng were instrumental in making this meeting a success. The new officers of the society will be Bruce Gossen as President, Michael Harding as Vice-President, and Syama Chatterton as Secretary-Treasurer. The 2012 meeting will be held in Lloydminster.

Respectfully Submitted,
Sheau-Fang Hwang, PPSA Past President



PPSA President Sheau-Fang Hwang (centre) with 2011 award recipients (L to R):
Best Student Poster Presentation and Plant Pathology Student Awards: Melanie Kalischuk
Best Technical Presentation Award: Byron Puchalski
Terry Swanson Memorial Scholarship: Alireza Akhavan
Best Student Oral Presentation Award: Robyne Bowness



Attendees at the 2011 annual PPSA meeting



Canadian Phytopathological Society Regional Representatives

Please contact your CPS Regional Rep for information on membership or plant pathology events in your region:

British Columbia

Vippen Joshi: vippen.joshi@gov.bc.ca

Alberta (PPSA)

Denis Gaudet: denis.gaudet@agr.gc.ca

Saskatchewan

Cheryl Armstrong-Cho: cheryl.cho@usask.ca

Manitoba

Fouad Daayf: daayff@cc.umanitoba.ca

Western Ontario

Kenneth Conn: ken.conn@agr.gc.ca

Eastern Ontario

Bernard Vigier: bernardvigier@gmail.com

Quebec

Russell Tweddell: Russell.tweddell@fsaa.ulaval.ca

Maritimes

Rick Peters: rick.peters@agr.gc.ca

Awards

Dr. Henry Huang recognized as Outstanding Alumnus

The Outstanding Alumnus Award from the National Chung-Hsing University in Taichung, Taiwan, was recently received by Dr. Henry Huang. The ceremony for the “15th Award of Outstanding Alumni” took place on October 29, 2011, which was the 92nd Anniversary of the University. This award was in recognition of Dr. Huang’s life-time achievements and contribution to science (plant pathology).

After retiring from Agriculture and Agri-Food Canada in 2007, Dr. Huang accepted an appointment as “Visiting Chair Professor” at the Taiwan Agricultural Research Institute to continue pursuing his research interests at the Biotechnology Division (2008-2009) and at the Plant Pathology Division (2009-2011). He also received an appointment as “Adjunct Chair Professor of Biocontrol” to carry out teaching responsibilities at the Department of Plant Pathology, National Chung-Hsing University, where he enjoyed working with young scientists and graduate students.

Dr. Prem Karbanda Awarded China Tianshan Award

Dr. Prem Kharbanda was recently awarded the 2011 China Tianshan Award for his significant contributions to the economic and social progress in Xinjiang, China. At the invitation of the Foreign Experts Bureau of Xinjiang Uygur Autonomous region, he travelled to Urumqi, China, to receive the award on September 26, 2011. The elegant award ceremony was attended by over 200 invited guests, mainly foreigners and high ranking officials. Dr. Huang Wei, the Vice Governor of the Xinjiang Uygur Autonomous Region, and Mr. Han Chen, the chairman of the Foreign Experts Bureau, greeted the guests and presented the awards.

Tomato processing is the leading industry in Xinjiang, producing over 600,000 tons of paste, which accounts for 80 percent of the total Chinese and over 13 percent of the global export market.



Dr. Prem Kharbanda (Far Left) with other 2011 China Tianshan Award recipients and Dr. Huang Wei, the Vice Governor of the Xinjiang Uygur Autonomous Region(Centre); other recipients are from USA (Centre right), France (Far right) and Russia (Centre left)

Over the past six years, Dr. Kharbanda helped to set up a new crop disease diagnostic lab at the Shihezi Vegetable Research Institute in Shihezi, Xinjiang, China, (SVRIS), and provided expertise to diagnose important diseases on processing tomatoes, cotton and pepper. All three crops are severely affected by several *Fusarium* spp. and

Verticillium spp., causing significant economic losses in the region. He trained several staff to recognise various diseases, isolate and identify fungi, as well as provided expert advice on management of these diseases. He also guided four students in their postgraduate research at the SVRIS. The SVRIS staff can now screen tomato and pepper varieties for disease resistance.



In March 2011, the Alberta Institute of Agrologists, at their Annual Meeting in Banff, also recognized Dr. Kharbanda as Distinguished Agrologist for his outstanding service to Agriculture over the past 35 years. Presently, Dr. Kharbanda is an Emeritus Scientist at the Alberta Innovates - Technology Futures (Alberta Research Council) in Edmonton, Alberta, where he retired in 2008.



Canola Clubroot Risk Mitigation Team wins a Silver Award at Alberta Agriculture Teamwork Recognition Awards 2011

The Teamwork Recognition Awards recognize outstanding teamwork within Alberta Agriculture and Rural Development. Drs. Sheau-Fang Hwang and Stephen Strelkov from Alberta Agriculture and Rural Development and the University of Alberta, respectively, formed a collaborative research team in 2006 to mitigate the impact of clubroot, a new and devastating disease of canola in Alberta. The team's objective was to evaluate tools to reduce the impact of clubroot in an integrated and sustainable manner. This included the identification of clubroot-resistant canola lines, and assessment of seed treatments and bait crops to reduce disease severity under field conditions. Additionally, molecular studies were undertaken to better understand the proteins and processes associated with clubroot development, and to develop methods to quickly and accurately detect the pathogen. Annual surveys for clubroot have also helped to track spread of the disease and to better understand pathogen epidemiology.

Members of the research team recognized with this award included Drs. Hwang and Strelkov as team leaders, along with team members Dr. Jie Feng, Dr. Qixing Zhou, Mr. George Turnbull, Mr. Cam Stevenson, and Dr. Hafiz Ahmed from Alberta Agriculture and Rural Development, and Dr. Victor Manolii and Dr. Tiesen Cao from the University of Alberta. Team members have assisted each other as needed by pooling the time and resources necessary to carry out the various field, laboratory and greenhouse projects associated with the research. Drs. Hwang and Strelkov have coordinated the efforts to minimize conflicting demands on time and resources and have organized meetings and facilitated communication within the team to make effective use of the time of each team member. The project showed the value of sharing resources among different institutions, as progress in the management of clubroot on canola has been rapid. Given the success of this model, the team has continued to expand and now includes additional personnel from Alberta Agriculture and Rural Development and the University of Alberta, as well as colleagues from Agriculture and Agri-Food Canada.



Members of the clubroot research team recognized with an Alberta Agriculture Teamwork Recognition Award. From left to right, Tiesen Cao, Hafiz Ahmed, Victor Manolii, Cam Stevenson, Hon. Evan Berger (Minister of Alberta Agriculture and Rural Development), Sheau-Fang Hwang, Stephen Strelkov, Qixing Zhou, George Turnbull and Jie Feng.

People and Travel

Plant Pathologist in Kenya

Vikram Bisht, Plant Pathologist with Manitoba Agriculture, Foods & Rural Initiatives, travelled in February 2011 to Kenya as a volunteer with CNFA/USAID, to assess seed potato production in selected areas of Kenya. Potato is gaining importance as a food crop, where maize is the number one crop. There are two main potato production seasons. The seed potatoes are stored in diffused light storage; cold storage facilities are still limited. During two weeks of work with local organizations involved with seed potato production, Vikram visited the tissue culture, minitubers (soiless and hydroponics) seed production facilities of the Kenyan government (Kenyan Agricultural Research Institute), Agriculture Development Corporation and the private sector. Under KEPHIS (Kenya Plant



Health Inspection Service), Kenya has a well-established seed potato certification system. Compared to North American productivity (280 to 400 cwt/acre), the Kenyan productivity is much lower (60 cwt/acre, FAO 2008). Lack of moisture, insufficient fertilizer usage and seed quality appeared to be the main limitations. A lot of effort is being put in to improving quality and quantity of seed potatoes available to potato farmers.

Vikram was lucky to find time and see the wild elephants, giraffes, zebras, flamingos, gazelles, etc. No trip to Kenya is complete without visiting wild animal sanctuaries or going on a safari.



Announcements



CPS 2012 Annual Meeting

Mark your calendars - the 2012 CPS meeting will be held from Sunday, June 24 to Wednesday, June 27, 2012, at the "Marriott on the Falls" hotel in Niagara Falls, Ontario.

The room rates are \$139 (fallsview) and \$125 (cityview), plus tax. The registration fee will be around \$400 for regular members, and will include the reception, banquet, coffee breaks, and breakfast and lunch on Monday, Tuesday, and Wednesday. At this point we do not know what the student registration and non-member registration fees will be, but more information will follow soon.

For any further information on this subject, please contact Kenneth L. Conn at Ken.Conn@agr.gc.ca, Telephone 519-457-1470 (285).



Canadian Forum for Biological Control Student Poster Award

The Canadian Forum for Biological Control (CFBC) is running its student poster award again this year for students working in the area of biological control. Students who have presented a biocontrol related poster at a national or regional conference in Canada during 2011 are eligible to enter their poster to be considered for this \$200 prize. Last year's winner was Edna Quan of Simon Fraser University for her poster "*Does the larval stage matter to the swede midge parasitoid Synopeas myles?*"

Check the CFBC website or talk to Chandra Moffat or Lars Andreassen (cfbcsecretary@gmail.com) for details about how to enter this national poster competition: the deadline to submit your entry is January 31st, 2012.

Prix étudiant de la meilleure affiche du Forum canadien sur la lutte biologique

Le Forum canadien sur la lutte biologique (FCLB) décerne une fois encore son prix étudiant annuel de la meilleure affiche à des étudiants travaillant dans le domaine de la lutte biologique. Les étudiants qui ont présenté une affiche sur le sujet de la lutte biologique à une conférence nationale ou régionale au Canada au cours de l'année 2011 sont admissibles pour entrer en lice pour le prix de 200 \$. La gagnante de l'année dernière était Edna Quan de l'Université Simon Fraser pour son affiche intitulée « *Does the larval stage matter to the swede midge parasitoid Synopeas myles?* » (*Le stade larvaire est-il important pour le parasitoïde cécidomyie du chou-fleur appelé Synopeas myles?*)

Consultez le site Web du FCLB ou communiquez avec Chandra Moffat ou Lars Andreassen (cfbcsecretary@gmail.com) pour obtenir de plus amples renseignements sur la manière de participer à ce concours national d'affiches. La date limite de soumission de votre candidature est la fin du mois de janvier 2012.



Epidemiology-Canopy-Architecture International Conference • July 1-5, 2012 • Rennes, France

Plant and Canopy Architecture Impact on Disease Epidemiology and Pest Development

The ECA International Conference will be held in Rennes, France, from July 1- 5, 2012. Early registration deadline is May 1, 2012. The website dedicated to the conference is now open. Please see https://colloque.inra.fr/epidemiology_canopy_architecture where you will find information about the tentative programme, important deadlines, and committees.

Impact de l'architecture de la plante et du couvert sur l'épidémiologie des maladies et le développement des ravageurs

Le site web dédié au congrès est désormais ouvert: https://colloque.inra.fr/epidemiology_canopy_architecture
Vous y trouverez l'information nécessaire concernant le programme provisoire, les échéances et les comités.



International Society for Plant Pathology

INTERNATIONAL NEWSLETTER ON PLANT PATHOLOGY

News and announcements from all on any aspect of Plant Pathology are invited for the Newsletter. Contributions from the ISPP Executive, Council and Subject Matter Committees, Associated Societies and Supporting Organizations are requested.

Editor: Brian J Deverall e-mail:
ispp.nl.editor@isppweb.org

Members of Associated Societies of ISPP can receive e-mail notification of Newsletter updates by joining the ISPP mail list.

<http://www.isppweb.org/newsletter.asp>

ISPP NEWSLETTER 41 (10) October 2011

In this issue:

- Serious Problems posed by *Puccinia psidii* in Australia

- The Importance of Plant Science to Humanity
- FAO Vegetable IPM Program in South & Southeast Asia
- Indian Phytopathological Society and coming Symposium
- International Symposium in China on Tropical and Subtropical Fruits
- French Society of Phytopathology (Société Française de Phytopathologie)
- BGRI Technical Workshop in 2012 in China
- APS Journals – Editor's Selections
- International Society of Sugarcane Technologists and a Workshop in China
- Bacterial disease of betel vines in Taiwan
- Annual Review of Phytopathology
- Seed China News
- ADVERTISEMENT about the Journal of Integrated Pest Management
- Acknowledgements
- Coming Events

ISPP NEWSLETTER 41 (11) November 2011

In this issue:

- International Authority on Stripe (Yellow) Rust of Wheat
- Fungal Diversity and its 50th Volume

- Rapid Perception of Stem Rust Spores by Cereal Leaves
- Extended Abstracts from the recent International Phytoplasma Working Group
- ISPP Task Force in action in southern Africa
- Cape Saint Paul Wilt Disease of Coconut in Ghana
- Does systemic RNA silencing contribute to systemic acquired resistance?
- Plant Biotechnology and the Millennium Goals
- International Agricultural Research and the Effects of Global and Climate Changes on Plant Diseases
- Search Tool for Identifying Web-sites Useful for Finding Organisms Harmful to Plants
- IFAD and “Making a Difference in Asia and the Pacific”
- A Reaction to the Bombing of the British Council in Kabul
- Acknowledgements
- Coming events

ISPP NEWSLETTER 41 (12) December 2011

In this issue:

- ISPP Councilors Voting about Holding the International Congress of Plant Pathology in 2018
- Plant Science Research in the USA and the UK
- Human Pathogens on Plants
- A New Molecular and Physiological Plant Pathology Group
- Activation of Signaling for Plant Immunity
- Our Daily Bread, the Essential Norman Borlaug
- European Foundation for Plant Pathology
- In the December 2011 Issue of “Food Security”
- Symbioses between Plants and Microbes
- Salts of Phosphorous Acid and Managing Bacterial Wilt in Tomato
- *Pyricularia anqualata* and Banana Blast Disease
- Agreement among Himalayan Nations to Collaborate on Climate
- Food and Energy Security
- Acknowledgements
- Coming events

Employment

MSc position at University of Saskatchewan

An MSc position is available in the Department of Plant Sciences, University of Saskatchewan. The student will conduct research on stripe rust of wheat within the cereal and flax pathology program. The research will involve examination of host-pathogen interactions between the pathogen, *Puccinia striiformis* and the host, *Triticum aestivum* and other aspects of stripe rust management. A student stipend of up to \$20,000 annually for two years is available.

Please contact Dr. Randy Kutcher,
Crop Development Centre
College of Agriculture and Bioresources
University of Saskatchewan
51 Campus Drive
Saskatoon, SK S7N 5A8
Tel.: 306 966-4951 Email: randy.kutcher@usask.ca



Submission Deadline for the March 2012 issue of CPS-SCP News

PLEASE NOTE: The submission deadline for the March 2012 issue of CPS - SCP News is **February 24, 2012**. If you send photographs for publication in the CPS-SCP News, please ensure that you indicate that all individuals appearing in the photographs have given permission for their photographs to appear in the newsletter. Photographs will not be published if permission has not been obtained from the individuals involved.

Contact the Editors

Coreen Franke, Editor

Viterra Research and Development
201 - 407 Downey Road
Saskatoon, Saskatchewan
S7N 4L8
Telephone/Téléphone: 306-668-6633
Facsimile/Télécopieur: 306-668-5564
coreen.franke@viterra.ca

Jim Menzies, Associate Editor

Agriculture and Agri-Food Canada/Agriculture et
Agroalimentaire Canada
195 Dafoe Road/195 Dafoe Road
Winnipeg, Manitoba/ Winnipeg (Manitoba)
R3T 2M9
Telephone/Téléphone: 204-983-5714
Facsimile/Télécopieur: 204-983-4604
jmenzies@agr.gc.ca

