

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

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President's Message



Denis Gaudet
CPS-SCP President/président

As we approach the Holiday Season, we are reminded how fortunate we are to live in Canada. We all share a great potential for personal and professional growth and opportunity in this country. On behalf of the Board of the Canadian Phytopathological Society, I wish you and your loved ones a very Happy Holiday Season and a productive and rewarding New Year.

During the autumn, most CPS regional societies hold their annual meetings and I

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have been fortunate to attend several of them across Canada. I am always amazed at the vibrancy and the collegiality of these meetings. Regional meetings provide an opportunity for members to meet in a relaxed environment and discuss their research amid friends and colleagues.

Furthermore, they provide graduate students with an opportunity to present their research results in a “minimal stress” environment and receive constructive feedback. These meetings may also be lucrative for students since some regional societies offer scholarships and awards for best posters and oral

presentations.

The CPS actively promotes annual meetings for the regional societies by

providing up to \$1,000 in support that can be used to fund symposia or bring in expertise on specific topics of interest. Abstracts of papers presented at regional meetings may also be published in the CJPP.

The CPS is continually looking for ways to support regional societies. Regional societies currently possess their own space on the CPS website to provide information to their members regarding meetings etc. However, regional societies are encouraged to expand their sites to become a repository

for all their archival materials. These would include minutes and programs of the Annual Meeting, current Board of Directors, lists of Honorary Lifetime Members, student award winners, photographs, special topics etc. Because the entire website is periodically backed up, the site will become a

permanent historical record.

The CPS Board is currently looking at modifications that would permit the website to serve as the

repository for materials relating to all CPS business and its activities.

The health and vitality of regional societies in Canada is integral to the health of the CPS. I welcome any suggestions you have for improving the utility and the effectiveness of the website for its members and the general public. Thanks for your continuing involvement in and support of our Society.

Denis Gaudet

(denisandregaudet@gmail.com)



Message de le président

Alors que nous nous rapprochons de la saison des Fêtes, les évènements nous rappellent à quel point nous sommes privilégiés de vivre au Canada. Nous y partageons tous d'immenses possibilités de croissance tant personnelle que professionnelle. Au nom du conseil de la Société canadienne de phytopathologie

(SCP), je tiens à vous souhaiter, ainsi qu'à ceux et à celles que vous portez dans votre cœur, la plus heureuse des saisons des Fêtes ainsi qu'une nouvelle année riche en réalisations de toutes sortes.

Cet automne, la plupart des sociétés régionales ont tenu leurs réunions annuelles

et j'ai eu la chance d'assister à plusieurs d'entre elles partout au Canada. Je suis toujours ébahi par le dynamisme et la collégialité de ces réunions. Elles offrent aux membres l'occasion de se rencontrer dans une atmosphère décontractée et de discuter, entre amis et collègues, de leurs recherches. En

outre, elles offrent aux étudiants diplômés la chance de présenter les résultats de leurs recherches dans un contexte où le

niveau de stress est minime, et de recueillir des observations constructives. Ces réunions peuvent également être lucratives pour les étudiants, puisque certaines sociétés régionales accordent des bourses et des prix pour les meilleures affiches et les meilleurs exposés oraux. La SCP encourage vivement les réunions annuelles des sociétés régionales en leur donnant un montant pouvant aller jusqu'à 1 000 \$ pour financer un symposium ou inviter un conférencier, expert dans un domaine d'intérêt particulier. Les résumés d'articles scientifiques présentés dans le cadre des réunions régionales peuvent même être publiés dans la *Revue canadienne de phytopathologie*.

La SCP est constamment à l'affut de moyens pour soutenir les sociétés régionales. Ces dernières disposent actuellement de leur propre section sur le

site Web de la Société afin de transmettre à leurs membres, entre autres, l'information concernant leurs réunions. Toutefois, nous encourageons les sociétés régionales à développer leurs propres sites pour en faire des lieux d'archivage de tous leurs documents. Ceux-ci incluraient les comptes

rendus et les programmes des réunions annuelles, les noms des directeurs en poste, la liste des membres honoraires à vie,

les noms des étudiants qui ont gagné des prix, des photos, des sujets spéciaux, etc. Parce que toute l'information contenue sur le site est sauvegardée régulièrement, il devient un registre historique permanent. Le conseil envisage actuellement des modifications qui feraient du site Web de la Société une mine d'information concernant toutes ses affaires et ses activités.

La santé et la vitalité des sociétés régionales canadiennes sont le reflet de la santé de la SCP. Je serai heureux d'entendre vos suggestions relatives à l'amélioration de la fonctionnalité et de l'efficacité de notre site Web, et ce, tant au profit des membres que du grand public. Merci pour votre soutien sans faille et votre implication.

Denis Gaudet
(denisandregaudet@gmail.com)



Regional Meeting Reports

CPS-Eastern Ontario Regional Meeting

The Canadian Phytopathological Society's Eastern Ontario Regional meeting was held on November 17, 2017, at the Ottawa Research and Development Centre (ORDC), Central Experimental Farm in Ottawa, ON. The over 60 participants included research scientists, professors, technicians, and students from Agriculture and Agri-Food Canada (AAFC), Canadian Food Inspection Agency (CFIA), Carleton University and two companies.

The meeting started with welcome remarks delivered by Dr. Michèle Marcotte (ORDC Director, AAFC) followed by a special session entitled "Mycology and microbe-plant interactions - A one and half century endeavour in Canada." Since one of the scheduled speakers was unable to attend, Dr. Miao Liu stepped in with a historical account of ergotism and the study of ergot fungi. Dr. Gopal Subramaniam gave an overview of plant-microbe interaction studies in the post genomic era. Four contributed talks were given by Emily Giroux (CFIA), Renlin Xu (AAFC), Guillaume Bilodeau (CFIA) and David Overy (AAFC) focusing on the topics of fungal and bacterial genomics, molecular detection, population genetics, and mycotoxin in grains. In total, 12 posters were presented, including one by Frédéric Vachon (under the supervision of Dr. Linda Harris, ORDC/AAFC) which won the student poster competition.

The organizing committee would like to thank the sponsors of the CPS-EOR meeting for their generous support: CPS for supporting regional meetings (\$1,000), SeCan (\$300) for the student awards, ThermoFisher (\$300) and Syngenta (\$150) for the coffee breaks, and AAFC for facility support.

Registration: Guillaume Bilodeau, Miao Liu

Advisors: Kenneth Conn, Sarah Hambleton, Keith Seifert,

Judges for student poster competition: Jeremy Dettman (Chair), Hai Nguyen, Miao Liu

Abstract editor & production: James Tambong

Moderators: Wen Chen, Tara Rintoul

Room Setup: Jacques Pomerleau, Parivash Shoukouhi, Rafik Assabgui

Photography: Quinn Eggertson



A. Dr. Jeremy Dettman and Frédéric Vachon, the winner of student poster competition;
 B. Attendees at the Eastern Ontario Regional meeting.

Report on the Plant Protection Society of Alberta's Annual Meeting

During November 6-8, 2017, the Annual Meeting of the Plant Pathology Society of Alberta was held in Drumheller, Alberta. The meetings and social activities were held at the Badlands Community Centre, a remarkable building that has both conference facilities and a fieldhouse for sports and physical activities. A total of 41 registrants presented 11 scientific papers and 22 posters. Two oral and three poster student presentations and three oral and seven poster technician presentations competed for awards. Winners in the technician competition were G. Daniels (Evaluation of species composition and fungicide resistance in *Fusarium* populations causing dry rot in Alberta potato storages) for best oral presentation and E. Amundson (Prevalence and virulence of stripe rust in southern Alberta) for best poster presentation. The best student presentations were N. Fox (Evaluation of lime products as a clubroot management tool) for best oral presentation and Y. Wang (Baseline sensitivity of *Leptosphaeria maculans* isolates from Alberta to pyraclostrobin) for best poster presentation. Homa Askarian Khananan was awarded both the Terry Swanson Memorial Scholarship and the PPSA Student Scholarship. The 2018 meetings will be held in October in Lloydminster with President Bruce Gossen presiding.



Award winners pose with the president of CPS.

From left to right: E. Amundsen, winner in the technician category; Y. Wang and N. Fox, student presentation award winners; H. Askarian Khananan, scholarship winner; G. Daniels, winner in the technician category; and CPS President D. Gaudet



Attendees at the Annual Meeting of the Plant Pathology Society of Alberta in Drumheller, Alberta



Report from Plant Canada

Happy Holidays and Best wishes for a productive 2018

Dear members of the Plant Canada,

The end of the year is a time to take stock and reflect—not just on how far we've come, but also on our goals for the year to come.

Some of the Plant Canada's achievements during 2017 include: Plant Canada sponsored two cash awards for student presentations – to a graduate student (BSA and CSPB Alberta Regional group meeting) and to an elementary student for a science fair project in Lethbridge, AB; Equality and Diversity Policy for Plant Canada was developed by Plant Canada BOD; Plant Canada, which was incorporated on July 31, 2015, held its second annual meeting of members on October 19, 2017 and Plant Canada members approved amendments to the PC by-law; in June 2017, I met with some of the members of the Executive Boards of Global Plant Council and American society of Plant Biologists in Honolulu, Hawaii, USA.

I represented Plant Canada and my employer at National Plant Health Network to develop a strategy for Canada. I am pleased to say that the federal-provincial-territorial ministers of agriculture endorsed the Plant and Animal Health Strategy for Canada. This is an important milestone.

On behalf of Plant Canada, I extend my thanks to the current PC Board, the members in each of the seven societies (including Canadian Phytopathological Society) under Plant Canada umbrella, and the previous PC board for your contributions through out the year.

Our goals for 2018 include, obtaining charity status for Plant Canada, appointment of an auditor and find ways to raise funds and promote Plant Canada and its goals in Canada.

Most Importantly, please mark your calendars, **Plant Canada 2019 meeting will be held from July 7-11, 2019 at the University of Guelph, Guelph, ON.** I look forward to your continued support with all the initiatives.

Please take some much deserved time over the holidays to relax and recharge with your family and friends.

I wish you peace, happiness and prosperity during the holiday season and for the coming year.

Sincerely

Deena Errampalli
President, Plant Canada
December 2017



Upcoming Meetings



CPS-QSPP 2018 Joint Meeting

Joint Annual General Meeting of the Canadian Phytopathological Society and The Quebec Society for Plant Protection

June 17 to 20, 2018

Delta Québec, 690, boul. René-Lévesque Est, Québec, QC G1R

On behalf of the local arrangements committee of the 2018 joint meeting of the Canadian Phytopathological Society (CPS) and the Quebec Society for Plant protection (QSPP), we invite you to join us at the Delta Québec, 690, boul. René-Lévesque Est, Québec, Québec. The CPS and QSPP are enthusiastic about the opportunity to co-host this 2018 joint meeting to favor interaction between members of the two societies and increase educational opportunities for their members.

The joint meeting attracts research, industry and extension personnel from across Canada, the U.S.A. and internationally, with an expected attendance of 125 to 150. Presentations and posters will cover field crops, horticulture, and forestry, ranging from applied research through to basic research. The theme of the meeting is:

Future of pesticides in the Omics era: will plant pathogens have the last word?

We are planning on having two symposia and workshops:

Symposium 1: The future of pesticides in globally and locally changing agricultural environments.

Symposium 2: Bridging quantitative plant disease and 'Omics' technologies (genomics, epigenomics, proteomics, transcriptomics and metabolomics) or Incorporation of 'Omics' technologies in quantitative plant disease.

STAY TUNED FOR MORE INFORMATION COMING IN THE NEXT CPS NEWS!

For more information, contact:

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Patrice Audy: patrice.audy@agr.gc.ca

Mamadou Lamine Fall: mamadoulamine.fall@canada.ca

Hervé Van Der Heyden: hvanderheyden@phytodata.ca

Antoine Dione: antoine.dionne@mapaq.gouv.qc.ca

or visit the CPS website at: <http://phytopath.ca/meetings/cps-annual-meeting/>

Hope to see you there!

Call for Nominations

Nominations for CPS Board and Committees 2017-2018

As you know, the CPS is a volunteer society run by members from all across the country; members who are dedicated to make the CPS a dynamic society align to the members' scientific interests. Each year we recruit new (or returning) volunteers to keep our society lively and vibrant.

Please consider volunteering for one of the positions below, or talk to colleagues who might be interested. This is a great way to meet colleagues, establish your network, and contribute to the development of science. By becoming an active member of the CPS you will meet with great pathologists!

The Nominating Committee is seeking nominations to the CPS Board of Directors and Standing committees for 2017 -18 from the CPS membership:

CPS Board of Directors

Vice President (1 position. A 4-year term, Vice President becomes President-Elect, then President and the following year Past President).

Junior Director-at-Large (1 position. A 2-year term, becomes Senior Director in Year 2).

For Standing Committees: we need a new member for each of the following:

- CPS Awards Committee (1 position)
- CPS Resolutions Committee (1 position)
- CPS Nominating Committee (1 position)
- CPS Education committee (1 position + student rep)
- CPS Public Relations Committee (1 position)
- CPS information product (1 position)

More information on the Board of Directors and the CPS committees can be found in the CPS Operations Manual at:

<http://phytopath.ca/wp-content/uploads/2016/06/CPS-operations-manual-2016.pdf>

The committee membership for this year may be found in CPS News 61(1) at:

<http://phytopath.ca/wp-content/uploads/2017/04/CPS-SCP-News-61-1-March-2017.pdf>

If you would like to serve, or nominate a colleague, please make sure you have assent of the candidate that you are nominating. Please send the name of the nominee, contact information and position on the Board or a CPS committee to

odile.carisse@agr.gc.ca, by **February 16, 2018**.

Sincerely,

Odile Carisse, Chair of the CPS Nominating Committee

CPS Awards 2018

Nominate a deserving colleague for a CPS Award!

One of the best features of the Canadian Phytopathological Society is the recognition of the achievements of its members. It is also a privilege to recognize and encourage graduate students through the CPS scholarships and travel awards. A real highlight of the 2017 annual meeting was the grad student video awards, and this competition will continue in 2018.

The deadline for submission of all awards is March 15, 2018.

Nominations and applications should be sent to the Chair of the CPS Awards Committee, Mary Ruth McDonald, at mrmcdona@uoguelph.ca.

The only exception is the student video submissions. These should be sent to Gurcharn Brar at gurcharn.brar@usask.ca.

Please consider nominating a colleague for one of the CPS Awards:

- Honorary Member
- Fellow of CPS
- Outstanding Research
- Outstanding Young Scientist (must be under 40 years old)
- CPS Education Award
- Achievements in Plant Disease Management.

The descriptions are posted on the CPS web site at www.phytopath.ca. All of the materials for one application should be combined in a single file for submission.

In addition to the Student Video award, there are Graduate Student Travel Awards and Graduate Student Scholarships, valued at \$1,500 per student.

There have been some changes to the Graduate Student Travel Awards. These are now worth \$1,000 each. The application for a travel award should include:

- 1 The abstract for the presentation;
- 2 A one page statement written by the student explaining the significance of the research and the contributions or implications of the research, and;
- 3 An unofficial transcript showing marks from the previous two years.

The submission should also include a short note from the student's supervisor indicating that they support the student's travel to the conference.



People and Events

Canadian Plant Pathologist Dr. José Ramón Úrbez-Torres Receives International Recognition



Dr. José Ramón Úrbez-Torres

Dr. José Ramón Úrbez-Torres, Research Scientist and Plant Pathologist at the Agriculture and Agri-Food Canada Summerland Research and Development Centre (SuRDC) in British Columbia, recently garnered international recognition from two organizations.

In May 2017, Dr. Úrbez-Torres was elected President of the American Phytopathological Society (APS) Pacific Division. The Pacific Division is the largest APS division with over 700 members from different regions, including Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming and the contiguous Canadian provinces British Columbia, Alberta and Saskatchewan. Dr. Úrbez-Torres will serve as President Elect until June of 2018 when he will become President of the society until June of 2019. As President Elect, one of his

main responsibilities will be, along with current APS Pacific Division President Dr. Kendra Baumgartner and other members of the society, to develop the scientific program of the next APS Pacific Division meeting that will be held jointly with the Conference on Soilborne Plant Pathogens in June 25-27, 2018 in Portland (OR). Dr. Úrbez-Torres has been an active member of the APS and its Pacific Division since 2004.

In July 2017, Dr. Úrbez-Torres was elected the North American Regional Coordinator of the International Council of Grapevine Trunk Diseases (ICGTD), a non-profit scientific society conceived in late 1990s to coordinate the research efforts among scientists working on this pathosystem worldwide. Previously, in 2010, Dr. Úrbez-Torres was elected as member of the ICGTD Scientific Committee. The ICGTD was welcomed as the Subject Matter Committee on Grapevine Trunk Diseases by the International Society for Plant Pathology in 2001 and is also strongly supported by the Mediterranean Phytopathological Society. The society has currently five other Regional Coordinators representing Africa, Asia, Australasia, Europe, and South America. Dr. Úrbez-Torres has over 15 years of experience conducting research on grapevine trunk diseases and has studied these diseases in vineyards across Spain, U.S.A., Mexico and now Canada. The first ICGTD meeting took place in California in 1998 and since then, the International Workshop on Grapevine Trunk Diseases

(IWGTD) has been organized every two years in different countries of both Northern and Southern Hemispheres. Dr. Úrbez-Torres will be hosting the next IWGTD in British Columbia in the summer of 2019.

Dr. Úrbez-Torres has been a Research Scientist at SuRDC since June

2013. He and his colleague in the Plant Pathology Laboratory, Daniel T. O’Gorman, focus their research efforts on the study of fungal, bacterial and viral diseases affecting perennial woody crops in BC and Canada, primarily grapevines and fruit trees such as cherry and apple.

Homa Askarian Wins the 2017 Storkan-Hanes-McCaslin Foundation Award on Soil-Borne Diseases of Plants



Homa Askarian was selected as the recipient of the 2017 Storkan-Hanes-McCaslin Foundation Award on soil-borne diseases of plants. She is the first recipient of this competitive award from a Canadian University since the award was established in 1987. Students who are working on soil-borne diseases of plants from across the United States, Canada and Mexico compete for this award every year.

Homa is a PhD candidate at the University of Alberta with Dr. Stephen Strelkov and Dr. Sheau-Fang Hwang. Her project focuses on clubroot disease which poses a significant threat to the economically important Canadian canola industry. The objectives of her project consist of obtaining genetically homogeneous single-spore isolates of *P. brassicae* from pathogen populations virulent on clubroot resistant canola cultivars, evaluating their pathotype and genetic structure, and gaining knowledge of their occurrence and distribution. In addition, Homa is assessing the virulence spectrum of *P. brassicae* single-spore isolates and field populations on resistant canola cultivars. Her research will provide detailed information on the genetic structure and virulence of *P. brassicae* populations capable of overcoming clubroot resistance in canola, which is important for the judicious and effective deployment of the currently known resistance genes. Furthermore, her work will help plant breeders ensure they screen their breeding materials against the appropriate pathotypes of the pathogen.

Homa is also the recipient of Alberta Canola Producers Graduate Award in Canola Production Research, Syngenta Graduate Scholarship in Sustainable Agriculture, Robert Simonet Graduate Scholarship, GSA Graduate Student Teaching Assistant Award, FGSR Graduate Student Teaching Award, Robert Simonet Graduate Travel Award, Dr. Terry Swanson Memorial Scholarship and Plant Pathology Society of Alberta (PPSA) Scholarship in 2016 and 2017.

Homa’s long term plan is to continue her research on soil-borne diseases of plants, and in particular, on clubroot, with a hope to apply her knowledge to help producers, breeders and the agricultural industry.

Congratulations Homa!



Grad Students' Corner

Featured Student

Stephen Reynolds
(University of Guelph)

I am currently a PhD student at the University of Guelph, working on celery leaf curl (anthracnose), under the supervision of Dr. Mary Ruth McDonald. I have always been fascinated with plants and the outdoors, whether it would be gardening or volunteering on a farm. I completed a B.Sc. (Honours) in Plant Science at the University of Guelph, but it was only towards the end of the program I developed a strong interest in plant pathology. Under the supervision of Dr. Mary Ruth McDonald, I completed an undergraduate research project on the fungal pathogen *Colletotrichum fioriniae*, the causal agent of bitter rot on apples and leaf curl on celery. I was tasked to determine the cross-infection potential of several isolates from one host to another, and to evaluate the susceptibility among several apple cultivars to bitter rot. After completing my undergrad, I worked as a research assistant to the field crop pathologist Dr. Owen Wally at the Harrow Research and Development Centre. I assisted in several projects, such as pathotyping *Phytophthora sojae*, screening soybean varieties for resistance to Sudden Death Syndrome, and validating the protocols for detecting and quantifying nematodes in the soil using molecular techniques. I decided to start my graduate studies at the University of Guelph with Dr. McDonald because I wanted to further my education in plant pathology. Now as a recent PhD transfer student, the focus of the project is on the biology, epidemiology and management of leaf curl of celery.

Specifically, I will be characterizing the pathogen's population structure in Ontario, improving chemical control by evaluating disease forecasting models to accurately predict for disease risk, screen for celery cultivar susceptibility, and gather more information on the disease cycle in regards to alternative hosts, overwintering sites of the pathogen, characterize the infection process and risk of the pathogen on seeds. What is great about this project is that I can gain experience in various aspects of plant pathology, including molecular work, plant-microbe interactions, disease epidemiology, and management. After I graduate, I plan to continue my career in plant pathology as a research scientist, and hopefully run my own lab!



Stephen and his celery.



The Canadian Phytopathological Society's Best Educational Video Awards 2017-2018

Eligibility

All **graduate students, undergraduate students, research technicians and post-doctoral fellows** conducting their research in plant sciences/plant pathology are eligible for the awards. However, preference may be given to CPS members. All videos will be played in a session during CPS Annual Meeting 2018 and posted on the society's web page.

Rules for making videos:

- The video should be focussed on a plant disease and must include the host(s), the pathogen, the symptoms and signs on the host(s).
- The video should be easy to understand by high school and undergraduate students.
- The video should be of 3-5 minutes in length.
- Only one submission per participant will be considered.
- Participants should agree to share their videos on CPS's social networking sites and the website of the society. Additionally, permission should be granted to share the video with any educational institution worldwide.

Deadline:

March 15, 2018

Submission Requirements:

Share in Dropbox or Google Drive with Cps.education.committee@gmail.com

Prizes

All entries will be judged by the Awards Committee of the CPS.

- First Prize: \$900
- Second Prize: \$500
- Third Prize: \$300

Awards will be presented at the 2018 CPS Annual Meeting's awards ceremony.



Meeting Reports

Report on the 19th Organic World Congress

Dr. Deena Errampalli attended the Organic World Congress (OWC) in Noida (Delhi), India from 9-11, 2017. The OWC is held once every three years. This year, 2,200 delegates from 120 countries and five continents explored a wide range of recent advances in organic agriculture at the OWC. Over 1,000 organic farmers from India and 500 organic farmers from Pan-Asia and 1,000 researchers spanning various fields of science, social science, economics and conservation attended the congress. On each day, the program included plenary talks in the morning followed by 9 concurrent sessions with farmer's tracks, scientific tracks and main tracks with workshops, demonstrations, exhibitions, oral talks and poster presentations. The conference also covered areas like conservation of indigenous seed, seed treatments and management solutions, maintaining seed diversity, managing troublesome animals and wildlife-farmer conflicts and conserving, enhancing and maintaining beneficial soil bacteria.

Dr. Deena Errampalli discussed her research results from her project, "Management of apple scab in organic orchards," which is currently funded by the Canadian Organic Cluster II. Through the



research, endophytic microorganisms from apple trees that have biocontrol activity against the apple scab pathogen were identified. She also discussed the effect of soil-borne diseases on crop yields. Interesting discussions were held regarding the causal agents or complexes causing the replant disease in apple and ginseng and possible organic solutions. She participated in the "fish bowl" discussions and contributed to the "Innovation in organic agriculture" topic. She highlighted the successful Canadian funding model for research through the Organic Science Clusters, which are supported by the Agri Innovation Program of AAFC Growing Forward 2 and organic sector partners.

Dr. Errampalli attended a post congress OWC field tour to a biodynamic and organic farming community (SARG) in the Village of Supi of the Nainital district in the Himalayas in Uttarakhand State, India. The farmers in this region practice mixed farming including both agriculture and animal husbandry.



Left: Tree fruit cultivation in the Himilayas

Right: Dr. Errampalli enjoying the conference.

They use terrace farming, where the crops are planted and grown in receding steps by the side of the mountains in Himalayas. It was quite a trek by the side of the mountains. Dr. Errampalli shared her research results from postharvest disease management of apples, a stone fruit project and as well as the management of apple scab in organic orchards project with the farmers who are currently involved in tree

fruit and vegetable farming in the Supi village. Her presentations were well received by the Indian farmers, international researchers, and students. In addition, Dr. Errampalli, as the treasurer of Global Plant Council and President of Plant Canada, discussed collaboration with the Indian researchers to address global challenges in plant research and agriculture. The next OWC will be held in France in 2020.

Publications

ISPP - International Newsletter on Plant Pathology



The International Society for Plant Pathology promotes the world-wide development of plant pathology and the dissemination of knowledge about plant diseases and plant health management. News and announcements from all on any aspect of Plant Pathology are invited for the Newsletter.

Editor: Daniel Huberli

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 47 (10) October 2017

In this issue:

- Academician Nan Zhibiao wins CSPP's Lifetime Achievement Award
- Professor Sophien Kamoun awarded the 2016 Kuwait Prize for Applied Science in Food and Agriculture
- The international cereal rusts and powdery mildews conference 2018
- A discovery in the mountains could lead to big things for apple genetics
- Partnership for Aflatoxin Control in Africa (PACA) Newsletters
- "Pathogen hunters": citizen scientists track plant diseases to save species

- Hormonal tug-of-war helps plant roots navigate their journey through the soil
- New and novel technologies successfully demonstrated in soilborne disease study
- Controlling rice blight in developing countries
- Continental controls needed to maintain fightback against tree diseases
- Aerial Dispersal of Pollen and Spores - new book
- Acknowledgements
- Coming events
- A beacon for applied plant pathology: The origins of Plant Disease
- Saving the world's favourite treat: Chocolate
- Apps that identify what's destroying crops
- Crops evolving ten millennia before experts thought
- Lychee Disease Management - new book
- Acknowledgements
- Coming events

ISPP Newsletter 47 (11) November 2017

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- Announcement of Jakob Eriksson Prize recipient for 2018
- ISPP Council membership review and notice of meeting
- Submit an abstract for ICPP2018
- R.K.S. Wood FRS (1919 - 2017)
- Update on 3rd International Conference on Global Food Security, December 2017
- 21st Australasian Plant Pathology Society Conference, September 2017
- XXIII National Congress of Italian Phytopathological Society, October 2017
- Radiation modelling offers crop disease hope
- Roy L. Millar (1924 - 2017)
- Seasonal greetings from Australia
- Submission deadline for ICPP2018 is approaching
- Lifetime Achievement Award for TS Thind
- World Soil Day: 5 December
- 12th Arab Congress of Plant Protection
- IX International Symposium on Soil and Substrate Disinfestation, Greece
- Viruses and aphids that help stressed crops?
- Fears around containment of Fusarium TR4 in Africa and Asia
- Peanuts that keep aflatoxin at bay
- The wheat microbiome under four management strategies
- Acknowledgements
- Coming events

ISPP Newsletter 47 (12) December 2017

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Entomological Society of Canada



The *Bulletin* has been published quarterly by the Entomological Society of Canada since 1969. It provides information on the activities of the Society and its members, research and employment opportunities, matters of wider scientific importance and book reviews.

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