



International Society for Plant Pathology

ISPP Newsletter 48 (7) July 2018

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Report on ISPP 2013-2018 and proposed work plan for 2018-2023

This report is prepared for the information of ISPP Members. A more detailed report has been provided to the ISPP Council and to brief the incoming ISPP Executive (2018-2023).

Position	2013-2018	2018-2023
President	Greg Johnson	Jan Leach
Secretary General	Brenda Wingfield	Brenda Wingfield
Immediate Past President	Lodovica Gullino	Greg Johnson
Treasurer	Zamir Punja	Zamir Punja
Vice President (Congress)	Thomas Evans	Nathalie Poussereau
Vice President (SMCs)	Serge Savary	Khaled Makkouk
Editor in Chief Food Security	Richard Strange	Serge Savary
Newsletter Editor	Brian Deverall/Daniel Hüberli	Daniel Hüberli
ISPP Task-Force	Lise Korsten (Food Security)	Lodovica Gullino (Priorities 2050)

Progress in key activities between 2013 and 2018, and the Work Plan proposed for 2018 to 2023 are described under the following headings:

1. International Congress on Plant Pathology and ISPP 50 Years;
2. Associated Societies / Council members' involvement in ISPP, as well as other initiatives including the World Directory of Plant Pathologists;
3. ISPP Subject Matter Committees (SMCs) and Task Forces;
4. ISPP Newsletter, the Journal and Books;
5. Jakob Eriksson Prize for Plant Pathology, the Fran E Fisher Award and Fellows of ISPP;
6. Administration and Executive including financial report and forward budget.
7. Deaths 2013-2018

During the closing ceremony of ICPP2013, the ISPP President proposed the theme 'Plant health is earth's wealth' for his presidency. This was to recognise that while effective plant disease management has made considerable progress since the founding of ISPP in 1968, plant pathogens don't just limit global food security and the profitability, marketability and trade in agricultural commodities. They also impact on (i) land-care and environment sustainability, (ii) productivity and enjoyment of forests, fibre, recreational horticulture, and biodiversity (via invasive/emerging pathogens), and (iii) human and animal health. And, phytopathology is a central focus for discovery and development in biotechnology and plant-microbial molecular biology.

It is within this context that during 2013-2018 ISPP reviewed the role and function of the ISPP Taskforce on Global Food Security and options for ISPP to strengthen focus on other key challenges for plant pathology.

1. ISPP International Congress on Plant Pathology (ICPP) and ISPP 50 Years



ICPP2013 Beijing. The 10th ICPP organised by the Chinese Society of Plant Pathology was held in Beijing, China from the 25-30 August 2013 under the theme Bio-security, Food Safety and Plant Pathology: The Role of Plant Pathology in a Globalised Economy. The event attracted 1779 delegates representing 72 countries, plus more than 100 accompanying persons. There were 2 plenary sessions, 5 keynote sessions, 66 concurrent sessions and 9 evening sessions. 1591 abstracts were received, including 329 from invited lectures at plenary, keynote and concurrent sessions. 196 out of 1262 offered papers were selected as short talks at concurrent sessions. The ISPP received \$30,000.00 profit from the Congress plus repayment of the advance from ISPP to ICPP2013.

ICPP2018, Boston. The General Assembly of the ISPP and the 11th ICPP, organised by the American Phytopathological Society (APS), is being convened in Boston Massachusetts, USA, from 28 July to 3 August 2018. The theme of the 11th Congress and 50th anniversary of ISPP is Plant Health in the Global Economy, thus underlining the role of plant pathology in food, fibre, forests and the environment as well as trade, as well as emphasising the effort made by ISPP in the field of food security. It is anticipated that more than 2500 delegates will attend the event.



In celebrating the first 50 years of ISPP, we acknowledge the foresight and efforts of the founding societies, and the individuals who maintained the momentum up to today. The ICPP2018 Committee and APS have organised a splendid program of technical sessions and social events for the Congress. The opening plenary is titled "Plant Health is the Earth's Wealth", and there is also a concurrent session on the History of plant pathology which will include a paper on the history of ISPP, and a special session devoted to the proposed United Nations International Year of Plant Health in 2020.

ICPP2023 Lyon. Four ISPP-associated societies bid to host ICPP2023, the 12th Congress of ISPP. After a two-stage selection process, responsibility for organising the 12th ICPP was conferred upon the French Phytopathological Society (SFP). ICPP2023 will be convened in Lyon, France from 20 - 25 August 2023 under the theme One health for all plants, crops and trees.

(i) Work Plan 2018-2023 - Recommendation 1 – ICPP hosting:

The ISPP Executive should continue to liaise with ICPP organising committees to stream line planning procedures and strengthen international involvement in planning the scientific program so as to optimise procedures and opportunities for more member societies to host future Congresses.

(ii) Work Plan 2018-2023 - Recommendation 2 – ICPP Frequency

Commencing after 2028, the ISPP should consider moving to a four-yearly cycle for ICPP. This would complement frequencies of the International Plant Protection and Mycological Congresses.

2. Associated Societies, ISPP Council and the ISPP World Directory of Plant Pathologists

Membership, meetings and liaison. Sixty national and regional societies for Plant Pathology or Plant Protection are affiliated with ISPP with c. 21 societies paying membership dues in 2016-2017 or 2017-2018 in addition to individual members. The ISPP Council consists of c. 110 Councillors representing associated societies and ISPP, with c. 60 Councillors active in ISPP Council ballots and

meetings. A count of societies filing reports in any of the last three congresses indicates that these members together represent more than 26,000 plant pathologists.

The ISPP Newsletter provides monthly summaries on topical issues in plant pathology and is emailed to c. 2600 individuals and societies with individual issues recording up to c. 1500 views. The ISPP list server also enables communication with the plant pathology community and ISPP Council. The Newsletter also publicises plant pathology conferences and workshops, and includes reports on workshops and conferences. ISPP also liaises with national and regional societies and subject matter specialist groups to avoid conflict and overlap between meetings.

ISPP Executive members attended several meetings of associated societies in 2013-2018 with costs of their participation generally covered from other sources– including the 100 year anniversary meeting of the Phytopathology Society of Japan (PSJ) in 2015 (ISPP President), the 125 Anniversary meeting of the Netherlands Society for Plant Pathology (KNPV) (ISPP President), and national and regional meetings in Africa, Asia, Australasia, the Mediterranean and the Americas. The ISPP President used his participation in various meetings in 2013-2018 (Australasia 2013, 2015, 2017), Japan (2016), Jordan (2014), the Netherlands (2016), Pakistan (2014), South Korea (2017), Thailand (2014), and USA (2014, 2015, 2016) to promote the theme "Plant Health is Earth's Wealth".

Reports on activities 2013-2018 as received from ISPP Associated Societies and Subject Matter Committees will be tabled at the ISPP Council meeting in Boston and made available through the ISPP website.

Membership fees. During 2013-2018 the ISPP streamlined membership fee payment calculation and payment procedures for Associated Societies, offering the option of a 10% discount for membership fees paid in three or more year tranches. Pleasingly, several Societies also paid back dues and in 2017-2018 there were c. 21 financial member Societies out of c. 60 Associated Societies. In 2018-2023, ISPP will continue to encourage financial membership by additional societies. In addition, there are in excess of 500 individual members of ISPP and eight living Fellows.

(iii) **Work Plan 2018-2023 - Recommendation 3. ISPP Individual Members.**

The ISPP should introduce a life-membership of ISPP option for individual members – perhaps 11-12 times the cost of annual membership (\$16.00) say \$180.00. This would encourage more people to join on a one-off basis and thus grow the number of individual members – it is probable that many individual members currently retain membership for less than 10 years.

ISPP Council. The ISPP Council met at ICPP2013 with several ISPP SMC representatives also attending – in total, 66 attendees. For ICPP2018, the Agenda of the Council meeting was rearranged to reflect the alignment with the key activities of ISPP as has this report. ISPP Councillors participated in the ballots for selection of the host society and venue for ICPP2023 (with 59 Councillor' votes received) and to elect the ISPP Executive 2018-2023 (with 32 Councillor' votes received). Voting for the host society of ICPP2023 was in two rounds in line with ISPP Rules of Procedure. A significant concern is the failure of many Councillors to vote in ISPP ballots.

During 2017, guidelines on the role of ISPP Councillors were prepared and Member Societies and Nominating Bodies were reminded of the need to review and to submit to the Council the name(s) of their appointee(s) for the ISPP Council 2018-2023. The Agenda for the ISPP Council meeting at ICPP2018 in Boston, USA on Tuesday 31 July 2018 can be [found here](#).

(iv) **Work Plan 2018-2023 - Recommendation 4. ISPP Council Membership**

The ISPP Executive should consider additional categories eligible to vote in Council – e.g. ISPP Fellows (18); ISPP Past Presidents (3-4); Editor in Chief ISPP journal; and ISPP Newsletter editor. People who serve in these roles have a deep knowledge and broad experience in the objectives of ISPP and their continuing contribution through ISPP Council could be an advantage. Agreement on this would require changes to ISPP Statutes.



World Directory of Plant Pathologists. This searchable database of plant pathologists around the world is made possible through the funding and efforts of the International Society for Plant Pathology and support from the Fran Fisher Trust, an endowment from the late Fran Fisher who conceived and published the first World Directory of Plant Pathologists in 1973. Currently, 22 societies participate in the World Directory. One impediment to expansion of the Directory is that some societies use language scripts other than the Latin alphabet (Chinese, Japanese, Korean, Thai etc.) for their membership data bases. Another is legislated privacy provisions in some countries and regions. In 2018-2023, ISPP will continue to maintain the World Directory and encourage membership by additional societies.

3. ISPP Subject Matter Committees (SMCs) and Taskforces

Subject Matter Committees (SMCs). The ISPP Vice President responsible for ISPP Subject Committees (Dr Serge Savary 2013-2018 and Dr Khaled Makkouk, 2018-2023) maintains liaison with c. 20 current ISPP SMCs. Reports from nine Committees were received at ICPP2013, two new committees were established (quarantine/biosecurity and crop loss) and another re-established (seed pathology). Several SMC reports have been received or anticipated for ICPP2018 with an Oomycete Committee newly formed to replace the *Phytophthora* Committee. Four other SMCs have become inactive due to retirements of SMC leaders or for other reasons, and have been delisted (Citrus, Extension, Common Names of Plant Diseases and Biological Control). During 2013-2018 some Committees met between congresses and most have organised sessions of evening meetings, workshops or field trips linked to ICPP2018. In 2018-2023, the ISPP will encourage SMCs to actively contribute to the proposed IYPH2020 and fore-sighting of Challenges in Plant Pathology 2050.

Taskforce on Global Food Security (TF-FS). During 2013-2018 the TF-FS chaired by Professor Lise Korsten reviewed its aim and strategies:

The aim of the ISPP TF-FS, in consultation with ISPP's Executive Committee, is to foster linkages between plant pathology and key food security challenges, to promote understanding of the issues and to facilitate action to sustain global food security.

This is to be achieved through a balanced program including action-based projects and institutional linkages. The TF-FS will serve as a platform for information exchange, for example through the Food Security journal, and through knowledge bases, position papers, think tanks and conferences. Progress towards the aim will require funds to be raised.

At the ISPP executive meeting in Capetown in 2017, it was agreed that the TF-FS should produce a final report (20 years of activity) and could then continue to function as a Commission under the guidelines for ISPP SMCs, and that ISPP should consider an additional Task Force with a different focus in the future.

- The TF-FS and ISPP were represented by Professors Lodovica Gullino (ISPP Past President) and Lise Korsen (Task Force Chair) at the 3rd World Forum on Local Economic Development in Torino, Italy during October 2015.
- The Editor in Chief of the ISPP journal, Food Security, attended the 2nd Annual Agriculture, Nutrition & Health (ANH) Academy Week and 5th Annual Feed the Future Innovation Lab for Nutrition Agriculture-Nutrition Scientific Symposium in Katmandu, Nepal during 2017.
- Professor Korsten was Conference Chair for the 3rd International Conference on Global Food Security: Global Challenges, Local Solutions and Connected Pathways, 3-6 December 2017 sponsored by Elsevier and the University of Pretoria. Several Task Force members and three ISPP Executive members participated and / or presented papers.
- A position paper on genetic modification was prepared by TF-FS Force members and published as: [Peter Scott *et al.* \(2016\). Genetic modification for disease resistance: a position paper. *Food Security* 8: 865–870.](#) Plans for other 'position papers' are being progressed.
- The TF-FS has organised keynote and concurrent sessions and an evening meeting for ICPP2018.

(v) Work Plan 2018-2023 – Recommendation 5 – ISPP Commission on Global Food Security

In 2018-2023, the ISPP Commission on Global Food security will continue to serve as a platform for information exchange, for example through the Food Security journal, and through knowledge bases, position papers, think tanks and conferences and the organisation of a Plenary Session at ICPP2023

Task Force on Challenges for Plant Pathology 2050 and the International Year of Plant Health 2020.

The ISPP is liaising with the International Plant Protection Convention (IPPC) Commission on Phytosanitary Measures (CPM) which is seeking FAO and United Nations support in proclaiming an International Year of Plant Health (IYPH) in 2020. The IPPC has organised a concurrent session at ICPP2018 in which planning for IYPH2020 will be discussed.

In tandem with the proposed IYPH2020 initiative, the ISPP has established a new ISPP Task Force on Challenges for Plant Pathology 2050 (TF-PP2050) to identify key challenges in plant pathology in 2050 and foster global focus on addressing them. Lodovica Gullino and Greg Johnson are the inaugural co-chairs of the TF-PP2050. In 2018-2023 outcomes of the TF-PP2050 will include:

- A framework of committees focusing on key subject areas (linked with ISPP Subject matter Committees and ISPP Associated Societies; IMA, IUFRO). Younger plant pathologists will be encouraged to take lead in the foresight effort.
- Consultations and workshops to review and address the key challenges for plant pathology 2050 and develop pathways for progress against them.
- A series of ISPP Books "Plant Pathology in the 21st Century" that covers key challenges.

(vi) Work Plan 2018-2023 – Recommendation 6 – ISPP Task Force on Challenges for Plant Pathology 2050

In 2018-2023, the TF-PP2050 will be a major focus of ISPP through activities and fore-sighting linked to the proposed International Year of Plant Health with outcomes delivered through workshops, meetings, publications, and activities that engage youth and young plant pathologists.

4. ISPP Newsletter, the Journal and Books

ISPP Newsletter. After the resignation and untimely death of Emeritus Professor Brian Deverall in 2014, Dr Daniel Hüberli became ISPP Newsletter editor in late 2014, with an edition published every

month. Daniel has agreed to continue as Newsletter Editor in 2018-2023. Thanks to Peter Scott and Peter Williamson, all back issues of the newsletter are now available on the web and can be searched by key-word.

(vii) Work Plan 2018-2023 – Recommendation 7 – ISPP newsletter and social media

In 2018-2023, the ISPP will continue to produce a monthly newsletter and to expand the social media of the society.

ISPP Publishers. During 2015 competition authorities including the European Union and the US Department of Justice cleared the merger of Springer Science+Business Media (the publisher of the ISPP Journal and Book series) and the majority of Macmillan Science and Education. The new company is called Springer Nature. The agreement between Holtzbrinck Publishing Group (owner of Macmillan Science and Education) and BC Partners (advisors of funds which own Springer) was announced on 15 January 2015.

ISPP Journal *Food Security*. The journal has progressed very well with Richard Strange as Editor in Chief. In late 2016, Stephen Waddington assumed additional responsibilities as Deputy Editor in Chief. Richard Strange will stand down as Editor in Chief at the end of 2018. ISPP called for expressions of interest for a new EiC during early 2018 and after due consideration, Dr Serge Savary, outgoing ISPP VP, agreed to take over as Editor in Chief commencing with the first issue of the journal Volume 11 in 2019.



Journal performance	2013	2014	2015	2016	2017
Impact factor	1.638	1.495	1.557	2.271	2.970

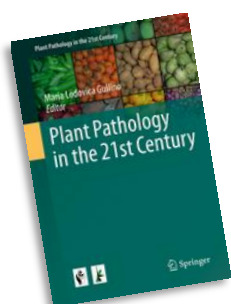
ISPP Journal Trust. The ISPP Plant Pathology Journal Trust Committee (JTC) oversees the financial and contractual arrangements for the ISPP Journal ‘*Food Security: The Science, Sociology and Economics of Food Production and Access to Food*’ and provides advice and recommendations to the ISPP Executive and Council in relation to editorial matters and the publication and ISPP’s co-ownership of the Journal.

(viii) Work Plan 2018-2023 – Recommendation 8 – ISPP Journal Trust

In 2018-2023 the ISPP Journal Trust will provide advice to the ISPP Executive in relation to ongoing publication and ownership of the journal.

(ix) Work Plan 2018-2023 – Recommendation 9 – ISPP Journal

In 2022-2023, the ISPP will progress provisions under, and negotiations concerning the publishing agreement.



Springer – ISPP Book Series *Plant Pathology in the 21st Century*. Under an agreement with Springer, three books were published based on papers presented at ICPP2013. During 2017, the ISPP reached an agreement with Springer to broaden the scope of the series and publish additional volumes based on key topics as well as on papers presented at future Congresses with Professor M. Lodovica Gullino continuing as Series Editor. An eighth volume was published during 2017. Within Springer, responsibility for oversight of the book

series has passed to Mariska van der Stigchel. At present, two or three books have been proposed for the Series based on papers presented at ICPP2018.

(x) **Work Plan 2018-2023 – Recommendation 10 – ISPP Books**

In 2018-2023, the ISPP will continue to publish the book series Plant Pathology for the 21st Century in partnership with Springer Nature.

5. Jakob Eriksson Prize for Plant Pathology and other ISPP Awards.

Jakob Eriksson Prize. The 2013 Jakob Eriksson Prize was presented during the closing ceremony of the 10th International Congress of Plant Pathology in Beijing, China on Friday 30 August 2013, to [Professor Jeffrey B. Jones](#) (shown right) of the University of Florida, in recognition of outstanding international research contributions on the interactions between bacterial pathogens and their host plants. Professor Jones presented the second Jakob Eriksson Prize Oration on the topic 'Recent approaches for control of bacterial spot of pepper and tomato and citrus bacterial canker'.



Following consultation with the Jakob Eriksson Prize Commission after ICPP2013, the membership of the Prize Commission was expanded, and involvement of ISPP in the nomination and selection processes was strengthened, ahead of the call for nominations for the 2018 Prize. The call for nominations was brought forward and the recipient of the [2018 Prize was announced in November 2017](#).



The 2018 Jakob Eriksson Prize is to be awarded to Emeritus Professor Pierre JGM de Wit (shown right) of the Laboratory of Phytopathology, Wageningen University, The Netherlands, for his pioneering research in molecular plant pathology and plant-microbe interactions.

(xi) **Work Plan 2018-2023 – Recommendation 11 – Jakob Eriksson Prize**

In 2018-2028 the ISPP will continue to work closely with the Jakob Eriksson Commission to oversee and select the recipient of the Jakob Eriksson Prize for Plant Pathology.

ISPP Fellows. A call for nomination for ISPP fellows was made in early 2018 for awards to be made in the ICPP2018 Closing Ceremony. Fellow nominations are overseen by the ISPP President.

Francenia Fisher Award. The Fran E. Fisher Award was established by the ISPP in 2018, to honour individuals who have made an outstanding contribution to both the science of plant pathology and society through dedicating their lives to connecting plant pathologists around the globe so as to improve plant health. The inaugural award will be made to Dr Charlie Delp at ICPP2018 in Boston.

(xii) **Work Plan 2018-2023 – Recommendation 12 – ISPP Fellows and Francenia Fisher Award**

The ISPP Executive should be responsible for election of Fellows of ISPP and for selecting the recipient of the Francenia Fisher Award. Formal election of Fellows will still occur at the ICPP Council Meeting.

(Delegation of election responsibilities to the ISPP Executive will allow nominees to be advised in advance of the Congress so that nominees can plan to attend.)

In 2018-2023 the ISPP Executive will continue to oversee nomination of ISPP Fellows and the Francenia Fisher Award and liaise with ICPP organisers in arranging preparation of certificates and their presentation.

6. Administration and Executive including financial report and budget

Executive and Secretariat 2013-2018. The Executive personnel remained unchanged since commencing their terms in 2013. Dr Daniel Huberli replaced the late Emeritus Professor Brian Deverall as Editor of the ISPP Newsletter in December 2014.

Executive and Secretariat 2018-2023. Executive Elections for ISPP were held in 2016-2017. Membership of the incoming Executive of ISPP was announced in the [August 2017 Issue of the ISPP Newsletter](#). The ISPP Business Manager and the Editor in Chief of the ISPP Journal will retire at the end of 2018 and their replacements will be announced during 2018. Other members of the Secretariat plan to continue serving through to 2023.

(xiii) Work Plan 2018-2023 – Recommendation 13 – Executive delegation and changes to Statutes/Rules

In 2018-2023, the Executive will review ISPP Statutes 14 and 15 and change Constituent body (a) 'General Assembly' to (a) 'Membership' since in modern large congresses, it is impractical to convene a 'General Assembly'. Under the proposed revisions, ISPP member interests would be maintained through the ISPP Executive and the ISPP Council which is convened at each Congress.

ISPP Finances. ISPP Income and Expenditure are detailed in the Treasurer's Report to Council. The ISPP is required to file a return to the US Internal Revenue each year. If available the draft return for 2017 will be tabled at the Council meeting.

(xiv) Work Plan 2018-2023 – Recommendation 14 – Finances

In 2018-2023 ISPP should maintain a fiscally conservative spending and secure the future of the ISPP journal, Food Security.

Outgoing Executive and Secretariat. Members of the ISPP Executive and Secretariat who will end their term or retire during 2013-2018 are:

- Professor M Lodovica Gullino will end her term as Immediate Past President, but will continue to serve ISPP as Co-Chair of the ISPP Journal Trust and the ISPP Taskforce on Challenges for Plant Pathology in 2050.
- Dr Serge Savary will complete his term as ISPP Vice President responsible for SMCs, but will continue to serve ISPP as incoming Editor in Chief of the ISPP Journal and as Chair of the ISPP SMC on crop losses.
- Professor Thomas Evans will complete his term as ISPP Vice President responsible for ICPP and Chair of ICPP2018 Organising Committee, but will continue as a member of the ISPP Journal Trust.
- Dr Peter Williamson shall retire as ISPP Business manager, but will continue to assist ISPP as honorary web manager.

7. Deaths 2013-2018

The ISPP notes with regret, the deaths of:

- [Emeritus Professor Brian Deverall](#) FISPP (1935-2014), former VP of ISPP and Editor of the ISPP Newsletter.
- [Professor RKS Wood](#) FISPP (1919-2017), Chair of the organising committee of ICPP1968 and first President of ISPP 1968-1973.
- Dr Ed French (1937-2018), formerly of the International Potato Centre (CIP) and former President and Executive Secretary of the Latin American Association of Phytopathology, ISPP Vice President and Councillor and member of the Jakob Eriksson Prize Commission (May 2018). Obituary to Follow.
- Dr Jacques Horsten (-2018), former Secretary General of the Netherlands Society for Plant Pathology and the European Foundation for Plant Pathology and Councillor to ISPP (June 2018). Obituary to Follow.

Greg Johnson, ISPP President

Global food and security – From challenges to solutions



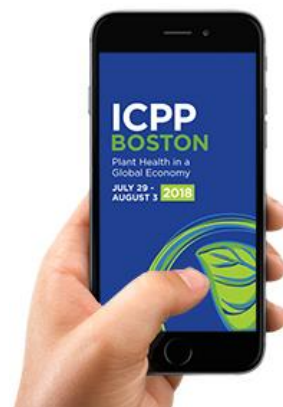
The closing plenary session at ICPP will be on a major topic of global proportions you won't want to miss. Roughly 11 percent of the global population doesn't get enough energy in their diet. With the population expected to increase to 10 billion people by 2050, the challenge will be to feed more, with the same land space, using less water.

"Global Food and Security – From Challenges to Solutions", will be the closing session on Friday from Helene R. Dillard, Dean of the College of Agricultural and Environmental Sciences at the University of California, Davis. Professor Dillard will pose these difficult questions and possible solutions, concerning food production, increasing food nutrition and security, and decreasing food waste. As scientists and leaders, we have an obligation and responsibility to understand the urgency of this situation.

ICPP2018 mobile app – Get meeting ready now

The ICPP2018 mobile app is your one-stop-shop to enhance your meeting experience. Browse the program schedule, exhibitor and attendee list, posters, and general information. You can customise your schedule and add appointments, access session information, including full abstracts, and connect with other attendees by sending messages and making appointments. Get meeting ready now by downloading the app through the [ICPP2018 website](#).

Meeting-goers will always have the most up-to-date information as it becomes available!



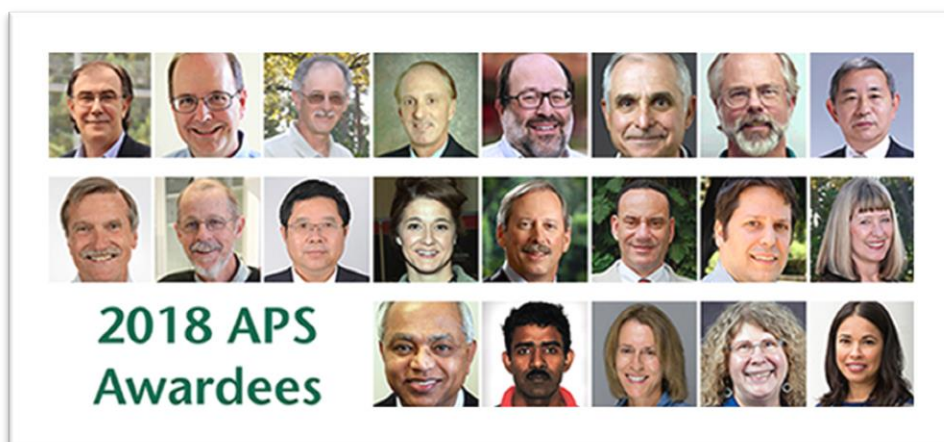
ISPP is now on Instagram

Connect with ISPP on [Instagram](#). And, remember to use @plant_diseases and #ICPP2018 for your posts concerning plant pathology or from ICPP2018!



APS Award recipients for 2018

Congratulations to the American Phytopathology Society (APS) fellow members and colleagues selected to receive APS Awards in honour of their significant contributions to plant pathology. These awards will be presented to the recipients at this year's ICPP2018 meeting in Boston, Massachusetts, USA.



APS Fellows:

[Scott T. Adkins](#), USDA ARS USHRL
[Richard R. Bélanger](#), Université Laval
[Timothy B. Brenneman](#), University of Georgia
[Thomas A. Evans](#), University of Delaware
[Howard S. Judelson](#), University of California
[Richard Latin](#), Purdue University
[Frank N. Martin](#), USDA ARS
[You-Liang Peng](#), China Agricultural University
[David Shew](#), North Carolina State University
[Brett A. Summerell](#), Royal Botanic Gardens, Sydney
[Xueping Zhou](#), Zhejiang University

Excellence in Extension Award:

[Amanda J. Gevens](#), University of Wisconsin-Madison

Excellence in Industry Award:

[Eric C. Tedford](#), Syngenta Crop Protection

Excellence in International Service Award:

[John E. Bowman](#), USAID

Excellence in Regulatory Affairs and Crop Security Award:

[Georgios Vidalakis](#), University of California, Riverside

Excellence in Teaching Award:

[Katherine L. Stevenson](#), University of Georgia

Ruth Allen Award:

[Krishna V. Subbarao](#), University of California-Davis

William Boright Hewitt and Maybelle Ellen Ball Hewitt Award:

[Suthaparan Aruppilaj](#), Norwegian University of Life Sciences

Lee M. Hutchins Award:

[Patricia S. McManus](#), University of Wisconsin-Madison

Noel T. Keen Award:

[Barbara S. Valent](#), Kansas State University

Syngenta Award:

[Melania Figueroa](#), University of Minnesota

(APS, 4 May 2018)

Obituary of Frantz Rapilly, 1937-2018

It was exciting to be a scientist some sixty years ago, at the time of the emergence of quantitative approaches in biology. Much was known then on the morphology, taxonomy, and life cycles of several important pathogenic fungi of cereals. Some was known too on the ecology and environmental requirements of these organisms. But the knowledge on their reproductive cycle and genetics was sketchy. And next to nothing was known of the quantitative relationships between the growth and development of crops, the crop climate, the increase or decrease of disease, and the genetic interactions between plants and pathogens in populations.



Frantz Rapilly was first trained as an engineer at the famous agricultural school of Maison Carrée, in the then French Algeria. He then joined the French National Institute for Agricultural Research (INRA), where he spent his entire professional life, first as a simple scientist, later as head of the plant disease laboratory of Versailles and supervisor of the epidemiology laboratory that he had created in Grignon, a southern suburb of Paris, and later-on as Adjunct Head of INRA's Plant Health Department, and as President of the large INRA Centre of Versailles.

Frantz Rapilly had both a strong quantitative science and biological background. He conducted extraordinarily detailed experiments to quantify the physical micro-environment in crops and its quantitative links with disease processes. Much of this work was devoted to the major wheat diseases in France and Europe at the time, especially septoria nodorum blotch and stripe (yellow) rust. Individual infection and dispersal processes were carefully examined. The effects of physical factors of the climate were quantified, and the consequences of host plant resistance on the efficiency and speed of pathogen progress and multiplication were measured. Physical factors of the environment, such as temperature, leaf wetness, air vapour pressure, wind speed, and radiation were at play, but so too were biological factors of the environment, such as the presence of bacteria, and yeast fungi on the leaf surface, which much later would be called bio-control agents. As

quantitative data accumulated, the need for an instrument for numerical integration became more obvious.

Frantz Rapilly was a pioneer in quantitative epidemiology and in mechanistic simulation modelling. His first simulation model, EPISEPT, was published at about the same time as – but quite independently from – other modelling approaches in plant disease epidemiology. Two features of the approach stood apart: first, the careful inclusion of key biological components, and second, the incorporation of components of partial resistance. For the first time, a plant pathologist was approaching breeders with a clear, numerical, blueprint of a wheat ideotype that would be resistant to major wheat diseases.

These were the times of J.E. Van der Plank, of Jan Zadoks, of Jürgen Kranz, of Dick Berger, and a few others with whom he shared this first experience of quantifying plant disease epidemics through models. Frantz Rapilly organised the first International Epidemiology Workshop in France, in the remote city (probably his choice) of Pau. Debates were very intense, but his knowledge of languages – he managed English well, and spoke German fluently – were an edge then, when research was still often published in national languages.

Frantz Rapilly disliked fashions; he was a convinced scientist, yet he was open to discussion; his visionary standpoints made him a very active member of the Academy of Agriculture of France, and he often spoke his mind freely, yet in a friendly way.

Many plant disease epidemiologists were trained at his plant disease epidemiology lab of Grignon, many are still active in France or elsewhere, and quite a few at INRA where he had such important responsibilities.

(Serge Savary, Claude Pope de Vallavieille, Laetitia Willocquet, and Michel Dron)

Second announcement of the 8th International Agriculture Congress 2018 and 6th International Symposium for Food & Agriculture 2018

The Organising Committee is pleased to bring to your attention the second announcement of the 8th International Agriculture Congress 2018 and 6th International Symposium for Food & Agriculture 2018. The theme of the joint symposium is "Shaping the Future through Agriculture Innovation".

By 2050, a projected global population of 9.7 billion will demand 70% more food than is consumed today. Feeding this expanded population nutritiously and sustainably will require substantial improvements in the global food chain systems that are expected to upgrade the livelihood of farmers as well as providing safe and nutritious food for consumers. Having the theme "Shaping the Future through Agriculture Innovation", the International Agriculture Congress 2018 will explore the application of cutting-edge technologies such as internet of things (IoT), simulation technology, big data analytics (BDA), digital economy, genome editing and biome sciences in shaping the future of agriculture. These include building inclusive, sustainable, efficient and nutritious food chain systems through leadership-driven, market-based action and collaboration, informed by insights and innovation for changes in food chain systems; mobilising leadership and expertise at the global level.

Please visit the conference website at <http://conference.upm.edu.my/IAC18> for online registration and more information.

(Mui-Yun Wong, Secretary IAC-ISFA 2018)

Joint SIPaV-APS session on “Emerging and re-emerging plant pathogens” at the XXIV SIPaV meeting in Ancona, Italy

The XXIV Congress of the Italian Phytopathological Society (SIPaV) is being organised by the Department of Agricultural, Food and Environmental Sciences (D3A) of the Marche Polytechnic University, and will be held in Ancona, Central-Eastern Italy, from 5 -7 September, 2018. The second day of the meeting will be opened by a joint session of SIPaV with the American Phytopathological Society (APS) on “Emerging and re-emerging plant pathogens”, where Prof. Lindsey du Toit and Prof. Gary Munkvold for the American Phytopathological Society, and Prof. Santa Olga Cacciola and Dr. Sabrina Palmano for SIPaV, will focus on seedborne fungi, viruses and viroids, grapevine Flavescence dorée and soilborne pathogens. Moreover, the invited speaker Dr. Xavier Foissac will show the audience the latest findings on phytoplasma-host(s) interactions. Further information is available at www.d3a.univpm.it/en/SIPAV2018.

(Gianfranco Romanazzi, Ancona, Italy)

Acknowledgements

Thanks to Michel Dron, Greg Johnson, Gianfranco Romanazzi, Serge Savary, Claude Pope de Vallavieille, Peter Williamson, Laetitia Willocquet, and Mui-Yun Wong for contributions.

Coming Events

Potato Association of America 102nd Annual Meeting

22 July – 26 July, 2018

Boise, Idaho, USA

Website: www.uidaho.edu/PAA2018

Satellite Meeting: The International Agricultural Microbiome Research Coordination Network (in conjunction with ICPP2018)

28 July 2018

Boston, USA

Website: apsnet.confex.com/apsnet/ICPP2018/meetingapp.cgi/Session/2114

6th International Oomycetes Workshop: *Phytophthora*, *Pythium*, Downy Mildews and related genera

28 July, 2018

Boston, USA

Website: apsnet.confex.com/apsnet/ICPP2018/meetingapp.cgi/Session/2089

11th International Congress of Plant Pathology (ICPP2018)

29 July - 3 August, 2018

Boston, Massachusetts, USA

Website: www.icpp2018.org

6th International Workshop on the Genetics of Tree-Parasite Interactions: Tree Resistance to Insects and Diseases

5 August - 10 August, 2018

Mount Sterling, Ohio, USA

Website: treeresistance2018.ca.uky.edu

8th ISTA Seed Health Symposium and 6th International Seed Health Conference

4 September - 7 September, 2018

Poznań, Poland

Website: www.seedtest.org/en/event-detail---0--0--0--92.html

10th Australasian Soilborne Diseases Symposium – Paddock to Plates

4 September - 7 September, 2018

Adelaide, South Australia

Website: www.asds2018.com.au

XXIV Congress of the Italian Phytopathological Society (SIPaV)

5 September - 7 September, 2018

Ancona, Italy

Website: www.d3a.univpm.it/en/SIPAV2018

IX International Symposium on Soil and Substrate Disinfestation

9 September - 13 September, 2018

Heraklion, Crete, Greece

Website: www.sd2018crete.com

State of the World's Fungi Symposium

13 September - 14 September, 2018

Royal Botanic Gardens, Kew, UK

Website: www.kew.org/fungi-symposium

15th International Cereal Rusts and Powdery Mildews Conference

23 September - 26 September, 2018

Kruger National Park, South Africa

Website: www.eiseverywhere.com/ehome/268483

International Conference on Sentinel Plantings

9 October - 12 October, 2018

Sursee, Switzerland

Website: www.ibles.pl/en/web/cost/final-action-meeting

8th International Agriculture Congress 2018 and 6th International Symposium for Food & Agriculture 2018 (IAC-ISFA 2018)

13 November - 15 November, 2018

Universiti Putra Malaysia

Website: conference.upm.edu.my/IAC18

4th International Symposium on Biological Control of Bacterial Plant Diseases (BIOCONTROL2019)

9 July - 11 July, 2019

Viterbo, Italy

Website: www.biocontrol2019.com

XVIII International Society for Molecular Plant-Microbe Interactions Congress

14 July -18 July, 2019

Glasgow, Scotland

Website: www.ismpmi.org/Congress/2019

16th Congress of the Mediterranean Phytopathological Union

23 March - 27 March, 2020

Limassol, Cyprus

Website: cyprusconferences.org/mpu2020

12th International Congress of Plant Pathology (ICPP2023)

20 August - 25 August, 2023

Lyon, France

Website: www.icpp2023.inviteo.fr