



IAPPS NEWSLETTER

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IAPPS HONORARY LIFE MEMBERSHIP FOR APPLE AND ZADOKS

The Executive Committee of IAPPS is pleased to honor Prof. Lawrence Apple and Prof. Jan C. Zadoks as an Honorary Life Members.



Lawrence is the founding Secretary General of IAPPS and the major actor in the development of the Association. He first became the Secretary General of the International Plant Protection Congress (IPPC), an organization responsible for organizing and conducting Congresses at four year intervals. Lawrence was a visionary and his vision was that “international crop protection was so important in the battle against hunger that an international organization should be formed to address international crop protection issues.” He addressed his vision at the XII IPPC held in The Hague, Netherlands in 1995. Dr. Apple was given the approval by the IPPC organizing committee to pursue his vision and rapidly worked with Dr. Bill Tweedy, USA; Prof. Baruch Rubin, Israel and Prof. Izuru Yamamoto, Japan and other international scientists to

develop the framework for the founding of IAPPS. He first wrote the by-laws and articles for the proposed organization. Next he arranged for a group of plant protection specialists, with an interest and desire to solve global plant protection issues, to meet in Bellagio, Italy in the spring of 1997. There the group discussed the framework for the operation of the proposed organization and finalized the by-laws and the articles.

The new organization was named the International Association for Plant Protection Scientists (IAPPS) and was formally inaugurated during the XIV IPPC held in Jerusalem, Israel on July 28, 1999. There Dr. Apple was elected to be the Secretary General, Dr. Hans Herren was elected as president and Dr. Bill Tweedy was elected as Treasurer.

A native of Guilford County, NC, USA, from 1955 he served as a faculty member in the North Carolina State University Plant Pathology Department and became professor of plant pathology and genetics in 1963. That same year he was plant pathology adviser to the university's mission to Peru, laying a foundation for a research program that would deliver sustainable solutions to world hunger. In 1967 he was named assistant director for biological sciences and international programs at N.C. State and went on to serve as associate director of research and international programs. He retired as the university's international programs coordinator in 1991.

Still professionally active after retirement, Lawrence made major contributions to global plant protection as IAPPS Secretary General. When he resigned as Secretary General in 2004 and passed the honor to Dr. E. A. "Short" Heinrichs, IAPPS members represented 55 nations and the Crop Protection journal was the official IAPPS journal through a contract with Elsevier. Dr. Apple is to be commended for his vision, hard work and late hours that he put in to develop IAPPS. Through the commitment and the foundation laid by Lawrence Apple his legacy continues via IAPPS by stimulating the development and exchange of plant protection information among researchers, extension specialists, growers, policy makers, administrators, crop protection consultants, environmentalists and other interested groups. His vision of promoting IAPPS as an organization with a goal of promoting global food security continues unabated to this day.



Jan Zadoks was born in Amsterdam, 1929. He studied biology at the University of Amsterdam. He graduated in 1957, when he was a research officer at the Institute for Plant Protection Research (IPO-DLO), Wageningen. He received his Ph.D. from the University of Amsterdam in 1961, with honors, on a thesis 'Yellow rust on wheat, studies in epidemiology and physiologic specialization'. He is married, and has four grown-up children and five grandchildren.

In 1961, Jan Zadoks joined the Wageningen Agricultural University. He became full professor of ecological plant pathology in 1969. He developed what was possibly the world's first course with practical in 'Plant disease epidemiology' and also courses in 'Aerobiology', 'Crop loss', 'Genetics of resistance' and 'Plant protection and society'. The first course led to Zadoks & Schein's 1979

book 'Epidemiology and plant disease management'. He initiated several (inter)national post-graduate courses on dynamic simulation in crop protection. Several post-graduates spent a sabbatical period with him. He lectured in many countries and presented invitational key-note lectures in various assemblies.

He did research in stripe rust, leaf rust, glume blotch and speckled leaf blotch of wheat. His 1974 scale for growth stages of cereals became UPOV and FAO standard. He developed dynamic simulation in plant disease epidemiology, and initiated the development of the computerised pest and disease warning system EPIPARE for wheat. Later, he was involved in field studies, computer simulations and mathematical analyses of focus formation in plant disease. He took an interest in the development of 'alternative' agriculture and edited the 1989 booklet 'Development of farming systems, evaluation of the five-year period 1980-1984'. He (co-)authored over 400 papers. He supervised over 40 Ph.D. theses and he served repeatedly as an overseas external examiner. Jan Zadoks had a strong interest in international agriculture. He founded the 'European and Mediterranean Cereal Rusts Foundation' in 1969. He performed consultancy missions overseas for FAO and the Netherlands and French governments (crop loss, resistance, IPM, teaching). He was

a Scientific Councilor to the French overseas research organizations ORSTOM in France and IIRSDA in Ivory Coast. He participated in quinquennial reviews of DFPV, ICRISAT, IRHO, IPO, IIRRI and ITC. For 14 years, he was a member of the FAO/UNEP Panel of Experts for Integrated Pest Control. He was a visiting professor of the University of Paris, France. His major implication with IAPPS was the organization of the XIII International Plant Protection Congress, 1995, The Hague, Netherlands. He retired in 1994.

He received the 'Adventurers in Agricultural Science Award of Distinction', Washington (1979), two Dutch Royal Awards for Public Merit (1980, officer in the 'Order of Orange Nassau'; 1993, knight in the 'Order of the Netherlands Lion'), and the Biannual Award of the Royal Netherlands Phytopathological Society (2002). He was appointed a 'Fellow' of the American Phytopathological Society in 1994 and was granted an 'honorary doctorate' in agriculture from the Swedish Agricultural University, 2005.

On behalf of the IAPPS family, please join me in congratulating Lawrence and Jan as our first honorary life members.

Prof. E.A. "Short" Heinrichs

IAPPS Secretary General

E-mail: ehinrichs2@unl.edu

IAPPS/IPM-CRSP SYMPOSIUM

The IPM-CRSP and International Association for Plant Protection Sciences (IAPPS) will be holding a symposium entitled "IPM for Horticultural Crops in the Tropical World" at the Plant-Insect Ecosystems (P-IE) Section of the Entomological Society of America's (ESA) 60th Annual Meeting to be held in Knoxville, Tennessee November 11th to 14th, 2012.

At this symposium, scientists from developing countries in Asia, Africa, and Latin and Central America will present IPM packages developed for tropical vegetable and fruit crops in their respective countries.

The IPM CRSP operates in 17 countries in six different tropical regions of the world, encompassing about one third of the world's population. It has developed several economical, ecologically friendly and effective alternate technologies that reduce the use of pesticides and increase the production of horticultural crops. Through this symposium, organizers plan to disseminate IPM packages and component elements developed for horticultural crops to the participants of the Entomological Society of America's annual meeting.

The organizers of the symposium are: R. Muniappan, Program Director, IPM CRSP, Virginia Tech, Blacksburg, VA; E. A. "Short" Heinrichs, Secretary General, IAPPS, University of Nebraska, Lincoln, NE; and Douglas Pfeiffer, Professor of Entomology, Virginia Tech, Blacksburg, VA.

More info on

<http://iapps2010.wordpress.com/2012/04/18/ipm-crspiapps-esa-vegetable-ipm-symposium/>

Prof. R. Muniappan

IAPPS Coordinator Region XI: North America

Director, IPM CRSP

Email: rmuni@vt.edu

CURRENT CHALLENGES AND FUTURE DIRECTIONS IN INSECT AND DISEASE MANAGEMENT IN RICE PRODUCTION

In conjunction with the 2012 annual meeting of the China Society of Plant Protection (CSPP), CSPP and the International Association of Plant Protection Sciences (IAPPS) is co-sponsoring the first international joint symposium dealing with 'current challenges and future directions in insect and disease management in rice production'. The symposium will take place October 24-26, 2012, Jihua Resort & Convention Center, Beijing, China. Rice, a staple food for over half of the world's population is a key to food security, social stability and the economy. Insects and diseases are two major threats that cause severe yield losses in epidemic years. In the past two decades the frequent and improper application of chemicals, for insect and disease control, has caused the development of insect and pathogen resistance, affected farmers' health, damaged the environment and reduced biodiversity. It is thus imperative that we review some of the critical issues concerning the development of more effective, sustainable, environmentally sound and socially acceptable strategies for insect and disease management. **Registration and Abstract Deadline:** August 1, 2012.

More info on <http://www.ipccaas.cn/notice/2012/20.pdf>

Mrs. Liping Wen

Vice-Secretary-General, China Society of Plant Protection, Institute of Plant Protection, Chinese Academy of Agricultural Sciences,

E-mail: wenliping99@yahoo.com.cn

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IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.

It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world's crop and forest ecosystems.

Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site www.plantprotection.org.

The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:

Manuele Tamò
Editor, IAPPS Newsletter
IITA-Benin
08 B.P. 0932 Tri Postal, Cotonou, Republic of Benin
E-mail: m.tamo@cgiar.org