

IITA

Transforming African Agriculture

50
1967-2017

Speaker Profiles

IITA 50th Anniversary Science
Conference on Food Security
Challenge for the Next 50 Year Cycle



Prof Ken Giller

Ken Giller is Professor of Plant Production Systems within WaCASA (the Wageningen Centre for Agroecology and Systems Analysis) at Wageningen University. Ken's research has focused on smallholder farming systems in sub-Saharan Africa, in particular on problems of soil fertility and the role of nitrogen fixation in tropical legumes, with emphasis on the temporal and spatial dynamics of resources within crop/livestock farming systems. He leads the large-scale initiatives N2Africa (Putting Nitrogen Fixation to Work for Smallholder Farmers in Africa – www.N2Africa.org) and NUANCES (www.AfricaNUANCES.nl). Ken's current focus is on the future of farming as it relates to sustainable intensification, farm size and the aging of farmers. He is a member of Unilever's Sustainable Sourcing Advisory Board since 2012 and is Senior Fellow at UNEP World Conservation Monitoring Centre, Cambridge, UK. Ken joined Wageningen University in 2001 after holding professorships at Wye College, University of London, and the University of Zimbabwe.



Having received his BSc Honours chemistry in 1967 and PhD, in organic chemistry synthesis in 1971 from the University of Surrey, John completed his training in organic chemistry with a postdoctoral fellowship at the University of Manchester (then UMIST) 1970/1972. He joined the Brewing Industry Research Institute in 1972 studying the chemistry of malt and hops for new brewing processes. In 2010, he was awarded the first Michael Elliott Distinguished Research Fellowship at Rothamsted. As well as fulfilling this prestigious new role, he continues to contribute to the Chemical Ecology programme and is still very much involved with research activities in the UK and around the world. John's contributions to the field of chemical ecology have been acknowledged with the 1995 Rank Prize for Nutrition and Crop Husbandry, election to Fellowship of the Royal Society in 1996, appointment to CBE for services to Biological Chemistry in 2004, and the Wolf Foundation Prize in Agriculture in 2008, among many other international measures of esteem. In June 2014 he became President of the Royal Entomological Society and in April 2014 he was elected Foreign Associate of the National Academy of Sciences (US).

Dr Bruce Campbell

Dr Bruce Campbell is Director of the CGIAR Research Programme on Climate Change, Agriculture and Food Security (CCAFS) (www.ccafs.cgiar.org), and a staff member of the International Centre for Tropical Agriculture (CIAT). He is based at the Universities of Copenhagen and Wageningen. The CCAFS team works on adaptation to increased climatic variability and progressive climate change, and on pro-poor climate change mitigation. Bruce has been doing inter-disciplinary science for development for two decades, championing new approaches to doing applied research on natural resource management. He was previously based in Zimbabwe, Indonesia and Australia, where he has worked in agricultural and forestry research for development, and indigenous natural resource management. He has published over 120 peer-reviewed articles and more than a dozen books.



Dr. Ousmane Badiane

Dr. Ousmane Badiane is the Africa Director for the International Food Policy Research Institute (IFPRI). In this role, he oversees the institute's two regional offices for West and Central Africa in Dakar and Eastern and Southern Africa in Addis Ababa. He coordinates IFPRI's work program in the areas of food policy research, capacity strengthening, and policy communications in Africa. He is also in charge of IFPRI's partnerships with African institutions dealing with the above areas.



As an Advisor to the NEPAD Secretariat from 2004 to 2007, he was instrumental in developing and guiding the implementation of the Comprehensive Africa Agriculture Development Programme (CAADP). Before his current tenure at IFPRI, Dr. Badiane, a national of Senegal, was Lead Specialist for Food and Agricultural Policy for the Africa Region at the World Bank from January 1998 to August 2008. Dr. Badiane received a Master's Degree and PhD in agricultural economics from the University of Kiel in Germany. Dr. Badiane is 2015 laureate of the Yara Prize for African Green Revolution.

John A Pickett, CBE, DSc, FRS

Having received his BSc Honours chemistry in 1967 and PhD, in organic chemistry synthesis in 1971 from the University of Surrey, John completed his training in organic chemistry with a postdoctoral fellowship at the University of Manchester (then UMIST) 1970/1972. He joined the Brewing Industry Research Institute in 1972 studying the chemistry of malt and hops for new brewing processes. In 2010, he was awarded the first Michael Elliott Distinguished Research Fellowship at Rothamsted. As well as fulfilling this prestigious new role, he continues to contribute to the Chemical Ecology programme and is still very much involved with research activities in the UK and around the world. John's contributions to the field of chemical ecology have been acknowledged with the 1995 Rank Prize for Nutrition and Crop Husbandry, election to Fellowship of the Royal Society in 1996, appointment to CBE for services to Biological Chemistry in 2004, and the Wolf Foundation Prize in Agriculture in 2008, among many other international measures of esteem. In June 2014 he became President of the Royal Entomological Society and in April 2014 he was elected Foreign Associate of the National Academy of Sciences (US).



Professor Monty Patrick Jones

Professor Monty Patrick Jones is a renowned plant geneticist, agricultural development advocate, 2004 World Food Prize Laureate and the current Minister of Agriculture, Forestry and Food Security of Sierra Leone.



He started his career at the Rice Research Station in Rokupr, Sierra Leone, where he worked as a breeder for 13 years. His international career started with the CGIAR as Coordinator of the IITA/USAID Cameroon rice program from 1987 to 1990. In 1991, Jones moved to WARDA now known as AfricaRice to become its principal breeder, where he developed the New Rice for Africa (NERICA) in close collaboration with other scientists at AfricaRice and with other scientists from Asia, Europe and the US. Through his work on NERICA, AfricaRice was awarded the prestigious CGIAR's King Badouin Award in 2000.

He was appointed the Executive Director of the Forum for Agricultural Research in Africa (FARA) in 2002 and led the organization till 2013. While at FARA he championed the funding for food security projects such as the Sub-Saharan African Challenge Program (SSACP), DONATA, SCARDA, and AU-NEPAD's CAADP Pillar IV. He was Chairman of Global Forum for Agricultural Research (GFAR) from 2010 to 2013, and a member of the Board of the Alliance for Green Revolution (AGRA).

In 2004 he received the World Food Prize as Co-winner based on his discovery of the genetic process to create the New Rice for Africa (NERICA). He was named one of the 100 most influential persons of the World by Time magazine in 2007 and was awarded the Japan Niigata International Food award in 2010. In 2011 he received the Golden Jubilee Award from the current President of Sierra Leone Dr. Ernest Bai Koroma. Dr. Monty Jones an M.Sc. in Plant Genetics (1979) and a Ph.D. in Plant Biology from the University of Birmingham in 1983.

Dr Emile Frison

Dr Frison is a Belgian national with a career in international agricultural research for development. He obtained an MSc from the Catholic University of Louvain and a PhD in agricultural sciences from the University of Gembloux in Belgium. He started his career at IITA in Nigeria where he set up the tissue culture laboratory and initiated the in vitro collection of root and tuber crops. He was Director of the International Network for the Improvement of Banana and Plantain from 1995 until 2003, when he became Director General of Bioversity International.



He is currently Vice-Chair of the Board of Directors of Ecoagriculture Partners and Extraordinary Professor at the Catholic University of Leuven, Belgium. He is a member of the International Scientific Council of the Svalbard Seed Vault. Since 2013, Dr Frison is Chair, International Scientific Committee on Sustainable Food Systems, Daniel and Nina Carasso Foundation. In 2015, he joined the International Panel of Experts on Sustainable Food Systems and is the lead author of the report entitled "From uniformity to diversity". Dr Frison is author or co-author of over 175 scientific, technical and policy papers.

Dr James Sumberg

James Sumberg is a Fellow at the Institute of Development Studies (Brighton, UK) and a member of the institute's Rural Futures research cluster. He studied plant and soil science at the University of Massachusetts and completed a PhD in plant breeding and livestock nutrition at Cornell in 1978. Before joining IDS in 2009 he held positions at CIAT, ILCA (the Humid Zone Programme based at IITA), CARE International, the University of East Anglia, WARDA and the New Economics Foundation. With a focus on sub-Saharan Africa, Jim's published research has addressed a variety of issues relating to smallholder farming systems, farmer participatory research, agricultural policy and agricultural research. More recently he has focused on Africa's youth employment challenge and the politics of agricultural research. He edited the 2017 volume *Agronomy for Development: The Politics of Knowledge in Agricultural Research* (Routledge).



Charlotte Lusty

Charlotte coordinates the CGIAR Genebank Platform, which brings together the work of the 11 CGIAR Centre genebanks under one program supporting their everyday operations and collective work towards their improvement and use. She is a senior scientist at the Global Crop Diversity Trust, working there since 2008. She led the Genebank CRP and was responsible for putting in place the structure and elements that underpin the new Platform. She has worked previously at Bioversity International and the UNEP-World Conservation Monitoring Centre coordinating global projects on the conservation and use of plant genetic diversity. Her career started in zoology, graduating from Edinburgh University and working with the Jane Goodall Institute in Tanzania.



