

# 3<sup>RD</sup> INTERNATIONAL CONFERENCE ON GLOBAL FOOD SECURITY

## GLOBAL CHALLENGES, LOCAL SOLUTIONS & CONNECTED PATHWAYS

### SUNDAY 3 DECEMBER

**10h00** Registration Opens

*Posters to be put up by 17h00*

**14h00** Symposia begin (includes a 30-minute coffee break)

**COORDINATOR:** Professor Frans Swanepoel, *Future Africa, University of Pretoria, South Africa*

Six symposia will be selected. For application details see the Call for Symposia on the website.

**17h30** Symposia conclude

**18h00** Welcome drinks

### MONDAY 4 DECEMBER

**08h30 WELCOME AND INTRODUCTION**

**CHAIR:** Professor Lise Korsten

*Conference Chair, Co-director, Centre of Excellence in Food Security, University of Pretoria, South Africa*

#### Welcome Messages

Professor Julian May

*Director, Centre of Excellence in Food Security, University of the Western Cape, South Africa*

Professor Cheryl de la Rey

*Vice Chancellor and Principal, University of Pretoria, and Chairperson of the National Advisory Council on Innovation, South Africa*

Elsevier representative

*Elsevier, UK*

#### OPENING ADDRESS

Minister Naledi Pandor

*Minister of Science and Technology, South Africa*

**09h30 CONFERENCE KEYNOTE**

**CHAIR:** Professor Voster Muchenje

*Co-SARChI Chairholder: Meat Science; and Research Chair: Food Security, University of Fort Hare, South Africa*

Dr Akin Adesina (TBC)

*President, African Development Bank*

**10h15**

**TEA**

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**10h45**                    **KEYNOTE PRESENTATION**  
Food creation

**CHAIR:** Dr Joyce Chitja

*Lecture, African Centre for Food Security, University of KwaZulu-Natal, South Africa*

**The future of farming: Who will produce our food?**

Professor Ken Giller

*Professor, Wageningen Centre for Agroecology and Systems Analysis, The Netherlands*

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**11h45**                    **THEMATIC FOCUS PARALLEL SESSIONS**  
Food Creation

**Hot topics** are sessions with selected speakers who are nominated based on their expertise and leadership in the field.

These sessions will provide 20 minutes to the key speaker and 10 minutes for two additional speakers related to the theme. The remainder of the session is dedicated to discussion.

**Four papers per parallel session** will be selected. Speakers have 15 minutes to make presentations.

A Chair moderates 30-minute discussion after presentations.

**HOT TOPIC**

**Food System Resilience**

John Ingram

*Programme Leader, ECI Food Systems, Oxford University*

**SUSTAINABLE FOOD SYSTEMS**

*Hosted and sponsored by Carasso Foundation*

**Lead paper:** M.S. Swaminathan and three supplementary papers

**PARALLEL SESSION STREAMS 1 - 5**

Refer to the Conference Thematic Matrix for details on the Food Creation Theme.

1. Food Security and Sustainable Agriculture Collaborations: Stellenbosch and Wageningen  
*Coordinated by Kennedy Dzama*

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13h15 LUNCH

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**14h00**                    **THEMATIC FOCUS PARALLEL SESSIONS**  
Food Safety and Bio-security

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**HOT TOPIC**

**How safe is my food?**

**SUSTAINABLE FOOD SYSTEMS**

*Hosted and sponsored by Carasso Foundation*

CONTINUED

**PARALLEL SESSION STREAMS 1 - 5**

Refer to the Conference Thematic Matrix for details on the Food Safety and Bio-security Theme.

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15h30

TEA

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**15h45**

**PLENARY PANEL**

Food Safety and Bio-security

**CHAIR/MODERATOR:** Professor Lise Korsten

*Co-director, Centre of Excellence in Food Security, University of Pretoria, South Africa*

**PLANT HEALTH FOR BIO-SECURITY**

Professor Paul Teng

*Adjunct Senior Fellow in Food Security, Centre for Non-Traditional Security Studies, Nanyang Technological University, Singapore*

Professor Sarah Gurr

*Chair, Food Security Alliance, University of Exeter, UK*

Dr Jan Low

*World Food Prize Laureate, Researcher, International Potato Center, USA*

Dr Karen Garrett (TBC)

*Professor, Institute for Sustainable Food Systems, and Emerging Pathogens Institute, University of Florida, USA*

Jean Ristaino

*Director, Emerging Plant Disease and Global Food Security Cluster, NC State University, USA*

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**17h15 – 19H00**

**POSTER VIEWING SESSION**

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**TUESDAY 5 DECEMBER**

**08h30**

**PLENARY PANEL**

Food Losses and Waste

**CHAIR/MODERATOR:** Professor Leon Terry

*Director of Environment and Agrifood, Cranfield Soil and Agrifood Institute, Cranfield University, UK*

**FOOD LOSSES & WASTE IN THE CONTEXT OF SUSTAINABLE FOOD SYSTEMS**

Status Report on Waste and Losses

Maryam Rahmanian

*Research Associate, Centre for Sustainable Development and Environment (CENESTA), Iran*

Pre-harvest losses

Professor Serge Savary

*Research Director, INRA, France*

Post-harvest losses in developing countries

Professor Umezuruike Linus Opara

*SARChI Chair: Postharvest Technology, Stellenbosch University, South Africa*

Food Waste in South Africa

Dr Suzan Oelofse (TBC)

*Principal Researcher, Waste for Development, CSIR, South Africa*

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**10h00**                    **THEMATIC FOCUS PARALLEL SESSIONS**  
Food Losses and Waste

**Hot topics** are sessions with selected speakers who are nominated based on their expertise and leadership in the field.

Sessions provide 20 minutes to the key speaker and 10 minutes for two additional speakers related to the theme. The remainder of the session is dedicated to discussion.

**Four papers per parallel session** will be selected. Speakers have 15 minutes to make presentations.

A Chair moderates 30-minute discussion after presentations.

**HOT TOPIC**

**The impact of pests and diseases in Africa**

**PARALLEL SESSION STREAMS 1-8**

Refer to the Conference Thematic Matrix for details on the Food Losses and Waste Theme.

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11h30                    TEA

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**12h00**                    **THOUGHT LEADERS DEBATE**  
*Session sponsored by the National Research Foundation, South Africa*

**MODERATOR:** Dr Molapo Qhobela  
*CEO, National Research Foundation, South Africa*

Three selected World Food Prize Laureates will present their work, followed by a moderated discussion.

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**13h00**                    **LUNCH AND POWER POSTER PRESENTATIONS**

The top three nominated posters from each thematic will be announced. The top two nominees will present 3 minute power presentation of their posters.

*Finger food lunch is served in the poster presentation area.*

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**14h00**                    **PLENARY PANEL**  
Food Security in Changing Societies

**CHAIR/MODERATOR:** Professor Frans Swanepoel  
*Professor, Future Africa, University of Pretoria, South Africa*

Gender Mainstreaming  
Dr Jemimah Njuki  
*Senior Programme Officer, IDRC, Kenya*

Youth Inclusion  
Dr Alemayehu Konde Koiria  
*Senior Programme Manager, Youth Livelihoods, MasterCard Foundation, Canada*

Socio-Economic Complexities  
Professor Robyn Alders  
*Associate Professor, School of Life and Environmental Sciences and Charles Perkins Centre, University of Sydney, Australia*

Human Capital Development  
Professor Adipala Ekwamu  
*Executive Secretary, RUFORUM, Uganda*

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15h30                    TEA

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**15h45**                    **THEMATIC FOCUS PARALLEL SESSIONS**  
Food Security in Changing Societies

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**HOT TOPIC**

**Social protection**

Professor Stephen Devereux  
*SA-UK Bilateral Chair in Food Security,  
University of the Western Cape, South Africa*

**PARALLEL SESSION STREAMS 1-8**

Refer to the Conference Thematic Matrix for details on the Food Security in Changing Societies Theme.

1. Innovations in humanities and food sciences: Emerging researcher and postgraduate student perspectives  
*Coordinated by Desiree Lewis*

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**19h00**                    **CONFERENCE DINNER**

**GUEST SPEAKER:** Dr Wanjiru Kamau-Rutenberg  
*Director, African Women in Agricultural Research and Development (AWARD), Kenya*

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**WEDNESDAY 6 DECEMBER**

**08h30**                    **GLOBAL TRENDS COMMENTARY**

**CHAIR/MODERATOR:** Dr Aldo Stroebele  
*Executive Director, National Research Foundation, South Africa*

Key international conferences related to food security around the globe have been identified and selected individuals approached to summarise the high level and strategic trends and innovations. Five presenters will share their observations from their respective conferences. 30-minutes will be allocated to participant engagement.

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**10h00**                    **KEYNOTE PRESENTATION**  
Food Utilisation

**CHAIR:** Dr Siboniso Moyo  
*Program Leader, Animal Sciences for Sustainable Productivity, CGIAR, Ethiopia*

**Eliminating Malnutrition in our Lifetime**

Professor Julian May  
*Director, Centre of Excellence in Food Security, University of the Western Cape, South Africa*

**Food Utilisation**

Professor Lawrence Haddad (TBC)  
*Executive Director, Global Alliance for Improved Nutrition (GAIN), UK*

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11h15                    TEA

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**11h30**                    **THEMATIC FOCUS PARALLEL SESSIONS**  
Food Utilisation

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**HOT TOPIC**

**TBA**

**PARALLEL SESSION STREAMS 1-8**

Refer to the Conference Thematic Matrix for details on the Food Utilisation Theme.

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**14h00**                    **CLOSING PLENARY**  
Food in the future

**CHAIR:** Nozipho Mbanjwa  
*CNBC Africa Anchor*

High level panel of experts provide their insights on the future of food in the world, incorporating the insights shared over the course of the conference. A moderator will provide commentary on the synergies at the 3<sup>rd</sup> IGFSC and other global conferences.

Professor Molly Jahn  
*Professor, Department of Agronomy, University of Wisconsin-Madison, USA*

Professor Louise Fresco (TBC)  
*President, Wageningen University, The Netherlands*

Dr Lindiwe Sibanda  
*CEO, Food, Agriculture and Natural Resources Policy Analysis Network (FANRPAN), South Africa*

Professor Sakiko Fukuda-Parr (TBC)  
*Professor, Julien J. Studley Graduate Programme in International Affairs, The New School, USA*

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**15h30**                    **CONFERENCE CLOSING**

**Vote of Thanks and Farewell**  
*Professors Lisa Korsten and Julian May, and Elsevier representative*

**THURSDAY 7 DECEMBER**

Tour sponsored by the Western Cape Provincial Department of Agriculture for 100 people. Will cover multiple sites in the emerging farmer development programme in Phillipi.