**Worldwide Universities Network, Responding to Climate Change**

[www.wun.ac.uk/wun/globalchallenges/view/responding-to-climate-change](http://www.wun.ac.uk/wun/globalchallenges/view/responding-to-climate-change)

“…*diversification of crops with legumes and other practical measures must be scaled up to end hunger while meeting the challenge of climate change*.” UN Secretary-General Ban Ki-moon.

This workshop aims to highlight our collective capacities in legume and translational research, including stress biology (salinity, drought, waterlogging, oxidative stress), breeding, postharvest and dietary health.

|  |  |  |
| --- | --- | --- |
| **22nd Nov** | Zhejiang University | Department of Horticulture, Zhejiang Provincial Key Laboratory of Horticultural Plant Integrative Biology, |
| 16:30 | Introduction and Welcome  Executive Vice-President  Prof. Yonghua Song  Zhejiang University | Streamed live, recorded on WUN website, held for one week |
| 17:00 | Public Open Lecture  Kadambot Siddique  University of Western Australia | Abiotic stress tolerance in cool season grain legumes: genetic and agronomic approaches |
| 18:00 | **Welcome dinner** | |
| **23rd Nov** | **Oral Presentations**  Chair, Mick Considine | |
| 09:00 | Judy Berman  University of Western Australia and Louise Heery  University of Leeds | Welcome and statement of purpose |
| 09:15 | Christine Foyer  University of Leeds | Enhancing stress tolerance in Soybeans |
| 09:45 | Jingquan Yu  Zhejiang University | ***Title to be confirmed*** |
| 10:15 | **Coffee** | |
| 10:45 | Tim Colmer  University of Western Australia | Salt sensitivity in chickpea: genotypic variation and tolerance mechanisms |
| 11:15 | Michael Considine  University of Western Australia | ***Title to be confirmed*** |
| 11:45 | Helen Bramley  University of Sydney | Research strategies to support legume productivity |
| 12:15 | **Lunch** | |

|  |  |  |
| --- | --- | --- |
| 13:30 | Jocelyn Ozga  University of Alberta | Understanding hormonal regulation of reproductive growth for development of strategies to prevent abiotic stress-induced seed/pod loss in legumes |
| 14:00 | Hon-Ming Lam  Chinese University of Hong Kong | Exploring wild soybean using a genomic approach |
| 14:30 | Karl Kunert  University of Pretoria | Will future environmental changes affect the quantity and quality of legume proteins |
| 15:00 | **Coffee** | |
|  | **Roundtable, preparation of policy document**  Chair, Karl Kunert | |
| 15:30 | Identify policy documents, contents and priorities | |
| 16:00 | Identify work teams, team leaders | |
| 16:30 | Presentations of draft content of policy documents | |
| 18:00 | Closing remarks and poster viewing | |
| **24th Nov** | **Oral Presentations**  Chair, Christine Foyer | |
| 09:00 | Tony Miller  John Innes Centre | Nitrogen uptake and sensing in legumes |
| 9:45 | Wallace Cowling  University of Western Australia | New methods for breeding for stress tolerance in legumes |
| 10:30 | **Coffee** | |
|  | **Oral Presentations**  Chair, Jingquan Yu | |
| 11:30 | Mark Wahlqvist  Zhejiang University | Food security and health require universal access to legumes and their diversity |
| 12:00 | Trevor Mori  University of Western Australia | ***Title to be confirmed*** |
| 12:30 | Henry Nguyen  University of Missouri | Genetic diversity and genomic strategies for improving drought and waterlogging tolerance in soybeans |
| 13:00 | **Lunch** | |
| 14:30 | B. Juan Vorster  University of Pretoria | Soybean nodule development and N-fixation under drought conditions |
| 15:00 | Chris Cullis  Case Western Reserve University | ***Title to be confirmed*** |
| 15:30 | Speaker 5 |  |
| 16:00 | Speaker 6 |  |
| 16:30 | **Coffee** | |
|  | **Preparation of outputs**  Chair, Karl Kunert | |
| 17:00 | Presentation of policy documents by work team leaders | |
| 18:00 | Identification of publications | Publication 1, Annals of Botany (e.g.), Legume futures  Lead, Kadambot Siddique  Publication 2, Nature Plant, etc  Lead, Christine Foyer |
| 20:00 | **Dinner** | |
| **25th Nov** | **Breakout sessions** | |
| 09:00 | **Working groups, policy and publications**  Break our working groups (policy document, Publications 1 and 2) | |
| 11:00 | **Coffee** | |
| 11:30 | Presentation Policy group | Final draft policy documents |
| 12:30 | Publication 1 | Outline of topic, content |
| 13:00 | Publication 2 | Outline of topic, content |
| 13:30 | **Lunch** | |
|  | **Exchange of ECRs, future meetings**  Chair, Louise Heery | |
| 15:00 | Louise Heery  University of Leeds | Case Studies |
| 15:30 | Judy Berman  University of Western Australia | Mobility of researchers |
| 16:00 | **Breakout, joint grant proposals** | |
|  | Identification of grant proposal topics  Breakout groups for grant proposals | |
| 17:00 | Presentations of grant proposal by Breakout group leaders |  |
| 18:00 | Official Close |  |