



<p>Wednesday, 12th September 0830-1030: Welcoming remarks and introductions Plenary Room (Cycad 5,6 & 7), <i>J-M Ribaut</i> 0830-0835: <i>J-M Ribaut, GCP Director</i> 0835-0840: ACGT representative 0840-0845: Logistics & housekeeping, <i>A Okono</i> GCP perspectives 0845-0915: Programme perspective, <i>J-M Ribaut</i> Subprogramme (SP) perspectives: 0915-0930: SP1, <i>J-C Glaszmann</i> 0930-0945: SP2 <i>R Varshney</i> 0945-1000: SP3 <i>P Monneveux</i> 1000-1015: SP4, <i>T van Hintum</i> 1015-1030: SP5, <i>C de Vicente</i></p> <p>1030–1100: Coffee break</p> <p>PLENARY SESSION I: Stakeholder perspectives on needs and bottlenecks for plant improvement in Africa Plenary Room (Cycad 5,6 & 7), <i>C de Vicente</i> 1100-1120: <i>S Khoza</i>, President, Gauteng Farmers' Union and General Secretary, National African Farmers' Union, South Africa 1120-1140: <i>F Samidu</i>, Managing Director, Seed-Tech, Malawi 1140-1200: <i>P Fato</i> (Instituto de Investigaçã Agrária de Moçambique (IIAM)) 1200-1220: <i>R Edema</i>, Makerere University/AMMANET, Uganda 1220-1240: <i>J Ininda</i> (PASS)</p> <p>1240-1400: Lunch</p> <p>1400-1800: Parallel Subprogramme sessions (pages 1-13)* Cycad 1, 2, 3, 5, & 6, <i>Subprogramme Leaders</i> – please see <i>Parallel sessions agenda (overleaf)</i> for full details</p> <p>1830-2000: Demonstration of GCP software development and integration products Plenary Room (Cycad 5,6 & 7), <i>T van Hintum</i></p> <ul style="list-style-type: none"> • HPC Use Cases • Data Analysis Platform Use Cases • iMAS <p>2000: Dinner</p>	<p>Thursday, 13th September PLENARY SESSION II: Exploiting allelic diversity Plenary Room (Cycad 5,6 & 7), <i>J-C Glaszmann</i> 0830–0845: Revisiting the species complex in potato (<i>M Ghislain</i>) 0845–0900: Relationships among ecotypes in common bean (<i>M Blair</i>) 0900–0915: A worldwide view of maize diversity (<i>M Warburton</i>) 0915–0930: Genome-wide SNP Discovery (OryzaSNP) and Survey (Haploryza) in Rice (<i>K McNally</i>) 0930–0945: Progress in orthologous candidate gene diversity assessment (<i>D This</i>) 0945–1000: Association analysis in a maize diversity panel (<i>M Warburton</i>) 1000–1015: Broadening crop genetic basis in rice (<i>M Lorieux</i>) 1015-1030: Combining decentralised genotyping data for diversity analysis (<i>C Billot</i>) 1030–1100: Coffee Break BRAINSTORMING PREPARATION I: Which populations for combining crop improvement and genetic analysis? Plenary Room, (Cycad 5,6 & 7) <i>J-C Glaszmann, H Leung, R Varshney</i> 1100–1120: Concentrating genetic diversity in reference germplasm samples (<i>J-C Glaszmann</i>) 1120–1140: QTL detection and marker assisted selection in multiparental designs: a case study in temperate maize (<i>A Charcosset</i> on behalf of <i>G Blanc, A Charcosset, A Gallais</i> and <i>L Moreau</i>) 1140–1200: MAGIC: multiparent populations for fine mapping complex traits in crop species (<i>I Mackay</i>) 1200–1220: Population structures for legume genetics and genomics (<i>N Ellis</i>) 1220–1240: Facilitating access and generation of genetic materials with breeding value and high resolution for genetic analysis (<i>R Varshney/H Leung</i>). 1240–1400: Lunch 1400-1600: BRAINSTORMING PARALLEL SESSIONS I: Which options for GCP populations development? (page 14)* Cycad 1, 2, 3, 5, 6, & 7, <i>J-C Glaszmann, H Leung, R Varshney</i> 1600–1630: Coffee Break</p> <p>POSTER SESSION I: Themes 1 & 2 Plenary Room (Cycad 5, 6 & 7), <i>T van Hintum</i> 1630–17:30 Poster presentations: 'Say it succinctly in 60 seconds' 1730–1830 : Poster viewing/discussion over drinks 1845–2000: Workshop: The role of different partner communities with the GCP* (page 16) Cycad 1, 2, 3, 5, 6 & 7, <i>C de Vicente</i> and <i>P Monneveux</i></p> <ul style="list-style-type: none"> • ARIs North (<i>R Tuberosa</i>), Cycad 1 • ARIs South (<i>J Magalhães</i>), Cycad 2 • CGIAR (<i>N Veracruz</i>), Cycad 3 • Private sector (<i>P Freymark</i>), Cycad 5 • CSOs (<i>M Laing</i>), Cycad 6 • NARS (<i>E Okai</i>), Cycad 7
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*Page numbers indicated refer to parallel sessions(detailed) agenda

Friday, 14th September: Field Trip *(page 16)

Saturday 15th September

PLENARY SESSION III: Genomic resources and gene/pathway discovery

Plenary Room (Cycad 5, 6, & 7), *H Leung, R Varshney*

0830-0845: Musa genomic resources (*T Sasaki*)

0845-0900: Legume genomic resources (*D Cook*)

0900-0915: Allelic imbalance in candidate genes in barley (*M Baum*)

0915- 0930: Al tolerance in sorghum (*L Kochian*)

0930- 0945: Dissection, characterisation and utilisation of disease QTL (*R Nelson*)

0945 –1000: Grain formation (*J Bennett*)

1000 – 1015: Growth maintenance under water deficit in maize, rice and wheat (*F Tardieu*)

1015 – 1030: GOST, A phylogenomic tool for plant comparative genomics (*M Conte and M Rouard*)

1030–1100: **Coffee break**

BRAINSTORMING PREPARATION II: Recent highlights in crop research

Plenary Room (Cycad 5,6 &7), *P Monneveux*

1100 – 1120: Maize (*J Gethi*)

1120 – 1140: Sorghum (*T Hash*)

1140 – 1200: Wheat and Barley (*P Langridge*)

1200 – 1220: Rice (*H Leung*)

1220 – 1240: Roots and tubers (*M Fregene*)

1240 – 1300: Legumes (*D Hoisington*)

1300-1400: **Lunch**

1400 – 1600: BRAINSTORMING PARALLEL SESSIONS II: GCP research bottlenecks towards crop improvement

(page 17)* Cycad 1, 2, 3, 5, 6, & 7, *P Monneveux*

1600 – 1630: **Coffee break**

POSTER SESSION II (Themes 3 & 4):

1630 –17:30 Poster presentations:

Say it succinctly in 60 seconds'

1730 –1830 : Poster viewing/discussion over drinks, Plenary Room (Cycad 5, 6 &7) *T van Hintum*

1930-2200: Gala Dinner

Plenary Room (Cycad 1,2 & 3)

Sunday 16th September

PLENARY SESSION IV: Marker Development and Breeding Applications, Plenary Room (Cycad 5,6 & 7) *P Monneveux*

0830 – 0845: QxE interactions and their consequences for MAS (*F van Eeuwijk*)

0845 – 0900: Unlocking the genetic diversity in groundnut's wild relatives (*D Bertoli*)

0900 – 0915: Development and use of markers for virus resistance in cassava: impact on cassava breeding in Africa (*E Okogbenin*)

0915 – 0930: MAS for Striga resistance in cowpea and selection of Striga resistant varieties in West and Central Africa (*S Muranaka*)

0930-0945: Progress and expected impact of Saltol, a salinity tolerance QTL, and Pup1, a P-uptake efficiency QTL, on rice improvement (*A Ismail*)

0945 – 1000: Pyramiding of QTLs from diverse origins to improve drought tolerance in rice: results and products in North China and South/Southeast Asia (*Z K Li*)

1000-1015: Can the deployment of superior alleles of AltSB, a major aluminum tolerance gene in sorghum impact yield in sorghum cultivated on acid soils? (*J Magalhães*)

1015 – 1030: Product management within GCP: concepts, tools and examples (*P Monneveux*)

1030 – 1100: **Coffee Break**

SESSION V: Support Services and Enabling Delivery

1100-1115: The Project Development Guide (PDG): an online tool for researchers—Introducing the prototype (*C de Vicente*)

1115-1130: The Asset Inventory System (*B. Hanumanth Rao*)

1130 – 1145: Genotyping Support Services: Results from the trial phase (*H Gómez*)

1145-1200: A GCP Community of Practice: Marker-Assisted Selection of rice in the Mekong basin (*T Toojinda & J Siangliw*)

1200 – 1215: From development of cassava genomic resources to cassava improvement (*P Rabinowicz*)

1215 – 1230: Ex Ante Impact Assessment of Marker-Assisted Selection Technologies (*G Norton*)

1230 -1245: iMAS: Release of Version 1.0 (*S Chandra and D Hoisington*)

1245 – 1300: The GCP Platform: integrating data sources and facilitating analysis (*G McLaren*)

1300–1400: **Lunch**

1400 – 1600: Reports to plenary: breakout meetings and evening workshop

1600 – 1630: **Coffee break**

1630 – 1640: **Wrap-up and closing remarks**

1630 – 1640: *D Marshall*, Chair, RAP

1640 – 1650: *J-C Glaszmann*, SP1 Leader

1650 – 1700: *R Varshney*, SP2 Leader

1700 – 1710: *P Monneveux*, SP3 Leader

1710 – 1720: *T van Hintum*, SP4 Leader

1720 – 1730: *C de Vicente*, SP5 Leader

1730 – 1745: *J Morris*, ACGT

1745 – 1800: *J-M Ribaut*, GCP Director