



Summary Agenda
 Generation Challenge Programme
 2008 Annual Research Meeting
 16–20 September 2008
Products and impacts
 Rama Gardens Hotel, Bangkok, Thailand

Tuesday, 16th September	Wednesday, 17th September	Thursday, 18th September
<p>Opening remarks and introductions (Chair: J-M Ribaut) 0830–0835 Welcoming remarks <i>J-M Ribaut, GCP Director</i> 0835–0845 Welcoming remarks <i>Kanyawim Kirtikara, BIOTEC Executive Director</i> 0845–0850 Logistics & housekeeping <i>A Okono</i></p> <p>GCP perspectives 0850–0920 Programme perspective <i>J-M Ribaut</i> Subprogramme (SP) perspectives: 0920–0935 SP1 <i>JC Glaszmann</i> 0935–0950 SP2 <i>RK Varshney</i> 0950–1005 SP3 <i>P Monneveux</i> 1005–1020 SP4 <i>G McLaren</i> 1020–1035 SP5 <i>C de Vicente</i></p> <p>1035–1100 Coffee break</p> <p>Stakeholder perspectives (Chair: C de Vicente) 1100–1120 The history and the role of BIOTEC (Thailand) as a hub for scientific development in the region <i>M Tanticharoen</i> 1120–1135 The Community of Practice concept applied to rice production in the Mekong Region—the Cambodia component <i>M Sarom</i> 1135–1155 Linking public–private seed sectors in India: a model for the GCP? <i>D Joshi</i> 1155–1215 The challenges of product delivery (Indonesia) <i>M Bustaman</i> 1215–1230 Discussion</p> <p>1230–1400 Lunch</p> <p>1400–1800 Parallel Subprogramme sessions</p>	<p>Impact pathways (Chair: J-M Ribaut) 0830–0900 Rice improvement in Africa <i>A Ghesquiere, M Lorieux, M-N Ndjondnjop, M Sie, G Djedatin, D Thiemele</i> 0900–0930 Sorghum improvement for acid soil <i>L Kochian, J Magalhaes, R Schaffer, M Nouri, P Sabadin</i> 0930–1000 Rice improvement for soil problem <i>A Ismail, M Salam, Z Seraj, S Heuer, M Bustaman</i> 1000–1030 Stress tolerance improvement in cassava <i>A Alves, H Gomez, M Fregene, E Okogbenin, C Egesi</i></p> <p>1030–1100 Coffee Break</p> <p>1100–1115 Discussion: Impact pathways</p> <p>Gene discovery (Chair: RK Varshney) 1115–1130 Targeted discovery of superior disease QTL alleles in maize and rice genomes <i>R Nelson</i> 1130–1145 CEREALIMMUNITY <i>J-B Morel</i> 1145–1200 Allele mining—Barley <i>M Baum cc RKV JC</i> 1200–1215 Identifying genes responsible for failure—rice and wheat <i>R Seraj</i> 1215–1230 Common genetic basis for tissue growth rate <i>C Welcker</i> 1230–1245 Transcriptome analysis of rice NIL <i>H Leung</i> 1245–1300 Discussion</p> <p>1300–1400 Lunch</p> <p>BRAINSTORM I 1400–1600 GRSS—Genetic Resources Supply Service Facilitator: <i>JC Glaszmann</i></p> <p>1600–1630 Coffee Break</p> <p>POSTER SESSION I (Moderator: T van Hintum) Subthemes 1 & 2</p> <ul style="list-style-type: none"> • <i>Exploiting allelic diversity</i> • <i>Genomic resources and gene/pathway discovery</i> <p>1630–1730 Poster presentations ‘Say it succinctly in sixty seconds’</p> <p>1730–1830 Poster viewing and vote over drinks</p>	<p>Marker development and breeding applications (Chair: P Monneveux) 0830–0845 Unlocking the genetic diversity in peanut's wild relatives with genomic and genetic tools <i>D Bertoli</i> 0845–0900 Maize association mapping <i>T Setter</i> 0900–0915 Genetic Dissection of Drought Adaptive Mechanisms in Bread and Durum Wheat <i>D Mullan</i> 0915–0930 Integrating marker-assisted selection into the conventional breeding procedure for improvement of wheat (<i>Triticum aestivum</i> L.) in the drought-prone areas of Northern China <i>R Jing</i> 0930–0945 Marker-assisted selection for sweet potato virus disease (SPVD) resistance in sweet potato germplasm and breeding populations <i>W Grüneberg</i> 0945–1000 Linkage disequilibrium mapping of downy mildew resistance in elite maize inbred lines in Thailand <i>C Phumichai</i> 1000–1015 Detecting and fine-mapping QTLs with major effects on rice yield under drought stress for deployment via marker-aided breeding <i>A Kumar</i> 1015–1030 Drought-tolerant rice cultivars for North China and South/Southeast Asia by highly efficient pyramiding of QTLs from diverse origins <i>Z-K Li</i> 1030–1045 Discussion</p> <p>1045–1300 World Café (including coffee/tea)</p> <p>1300–1400 Lunch</p> <p style="text-align: center;">OPEN AFTERNOON</p>

<p>Friday, 19th September</p> <p>CROSS-THEMATIC TOPICS</p> <p>Reference collections (Chair: JC Glaszmann) 0830–0845 GCP Crops Genotyping: the concept <i>JC Glaszmann</i> 0845–0900 Reference set characterisation: a case study <i>H Upadhyaya</i> 0900–0915 Statistical rules for defining characteristic genotype and marker sets <i>F van Eeuwijk</i> 0915–0930 Germplasm quality data management: theory and practice <i>J-F Rami, T van Hintum</i> 0930–0945 Phenotyping of a reference sample: the case of maize <i>J Gethi, M Zaharieva</i> 0945–1000 Discussion</p> <p>Genomic resources (Chair: RK Varshney) 1000–1015 ADOC <i>D This</i> 1015–1030 SNP discovery, validation and mapping in groundnut <i>S Knapp</i></p> <p>1030–1100 Coffee break</p> <p>Genomic resources (cont'd) 1100–1115 Genomic resources in cowpeas <i>T Close</i> 1115–1130 Development of Genomic Resources for molecular breeding of drought tolerance in cassava <i>P Rabinowicz</i> 1130–1145 Discussion</p> <p>Tropical Legumes I (Chair: C de Vicente) 1145–1200 Groundnuts <i>V Vadez</i> 1200–1215 Cowpeas <i>J Ehlers</i> 1215–1230 Common beans <i>M Blair</i> 1230–1245 Chickpeas <i>RK Varshney</i></p>	<p>Friday, 19th September (cont'd)</p> <p>1245–1300 Cross-species resources for comparative genomics in tropical crop legumes <i>D Cook</i></p> <p>1300–1400 Lunch</p> <p>Molecular Breeding Platform (Chair: G McLaren) 1400–1415 Overall concept <i>G McLaren</i> 1415–1430 GOST/DayHoff integration <i>M Rouard</i> 1430–1445 Modelling approach to support plant phenotyping <i>D Luquet, R Gomide</i> 1445–1500 Modelling tools to support molecular approach <i>S Chapman</i> 1500–1515 Genotyping Support Service <i>H Gómez</i> 1515–1530 Statistical Support Helpdesk <i>M Malosetti</i> 1530–1545 Discussion</p> <p>1545–1615 Coffee break</p> <p>POSTER SESSION II (Moderator: T van Hintum)</p> <p>Subthemes 3 & 4</p> <ul style="list-style-type: none"> • <i>Marker development and breeding applications</i> • <i>Support services and enabling delivery</i> <p>1615–1715 Poster presentations 'Say it succinctly in sixty seconds' 1715–1815 Poster viewing and vote over drinks</p> <p>1900 GALA DINNER</p>	<p>Saturday, 20th September</p> <p>0830–1030 BRAINSTORM II Molecular Breeding platform (Facilitator: G McLaren)</p> <p>1030–1100 Coffee Break</p> <p>Support services and enabling delivery (Chair: C de Vicente) 1100–1115 An eco-physiological–statistical framework for the analysis of GxE and QTLxE interactions <i>F van Eeuwijk</i> 1115–1130 McClintock Crop Bioinformatics Course <i>R Bruskewich</i> 1130–1145 GCP Phenotyping Platform <i>P Monneveux</i> 1145–1200 Upgrading the quality and utility of GCP phenotyping data <i>R Koebner</i> 1200–1215 Getting the focus right: food crops and smallholder constraints <i>J Dixon</i> 1215–1230 <i>Ex ante</i> impact analysis of marker-assisted selection technologies supported by GCP <i>G Norton</i> 1230–1245 The WACCI programme <i>E Danquah</i> 1245–1300 Discussions</p> <p>1300–1400 Lunch</p> <p>Wrap-up and closing remarks 1400–1500 Brainstorming reports 1500–1530 Subprogramme briefs 1530–1545 RAP report 1545–1600 Closing remarks <i>BIOTEC Director and GCP Director</i></p> <p>ARM CLOSED</p>
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