

CONFERENCE PROGRAMME

SUNDAY 20 November, 2016	
1600-2100	REGISTRATION OF PARTICIPANTS AT THE CONFERENCE VENUE
MONDAY, 21 November 2016	
0800-0900	REGISTRATION OF PARTICIPANTS CONT'D
SESSION 1: OPENING CEREMONY AND KEYNOTE ADDRESS - VICTORIA BALL ROOM	
Chair: Dr. Yona Baguma	
Rapporteurs: Dr. Paul Mugabi and Mr. Kefa Atibuni	
0900-0910	Welcome remarks by Director General, NARO
0910-0920	Remarks by Vice Chancellor, Makerere University
0920-0930	Remarks by Chairperson, NARO Council
0930-1000	Keynote address : Relevance of current agricultural research in socio-economic transformation by Dr. Martin Fowler, Agriculture and livelihoods advisor USAID
1000-1030	Discussion Discussant: Dr. Piet van Asten, IITA
1030-1040	Remarks by Hon. Minister, MAAIF
1040-1100	Official opening by The Rt. Hon. Prime Minister of Uganda
	Guided tour of Exhibitions and Posters - Chief guests
1100-1140	HEALTH BREAK AND GROUP PHOTOGRAPH

SESSION 2: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 3: Closing the gender gap in agricultural transformation	Sub-Theme 4: Strengthening enabling environment for agricultural transformation	SIDE EVENT
	Hall : Victoria Ball Room Chair: Prof. Patrick Rubaihayo Rapporteur: Dr. Moses Biruma and Dr. Frank Kagoda	Hall: Majestic Chair: Prof. Margaret Mangheni Rapporteur: Ms. Christine Elong and Ms. Victoria Mbigidde	Hall: Royal Chair: Prof. Johnny Mugisha Rapporteur: Ms. Susan Nimusiima and Mr. Fred Yikii	Hall: Regal Chair: Dr. George Lukwago Rapporteur: Dr. John Adriko and Idd Ramadhani
	Plant Breeding	Gender and socio-econ	Policy and extension	NARO CGS
1140-1155	Multi-locational evaluation and release of micronutrient dense bean varieties in Uganda Nkalubo <i>et al.</i>	Factors affecting women and men participation in common bean marketing in Uganda Nanyonjo <i>et al.</i>	Drivers and barriers of gender responsive research: an institutional analysis of Uganda's National Agricultural Research Organization Mangheni <i>et al.</i>	Genetic diversity of traditional goats in Uganda: MtDNA sequence divergence and perspectives of smallholder farmers Masembe <i>et al.</i>
1155-1210	Breeding for adaptability of highland maize hybrids in south western Uganda Kagoda <i>et al.</i>	The socio-economic factors influencing honey production in Uganda Otim <i>et al.</i>	Institutional Determinants of Credit Utilization: the Case of Savings and Credit Cooperatives in Soroti District, Uganda Alio <i>et al.</i>	Antibacterial activity of <i>Lactobacillus spp</i> and <i>Lactococcus spp</i> isolated from various parts of Pebbly Fish, <i>Alestes baremoze</i> Kato <i>et al.</i>

1210-1225	Reaction of transgenic sweetpotato lines expressing siRNAs to sweetpotato virus disease <i>Ssemakula et al.</i>	Socio-economic factors affecting cocoa farming in Uganda <i>Wabomba et al.</i>	Actor diversity and interactions in the development of Banana Hybrids in Uganda: Implications for technology uptake <i>Sanya et al.</i>	Management options for the pineapple heart rot disease in Uganda <i>Chelimo et al.</i>
1225-1240	Distribution of orange-fleshed sweetpotato genotypes in Uganda <i>Yada et al.</i>	Bamboo resource utilization as a source of household income in South western Uganda <i>Kalanzi et al.</i>	Participatory selection of mungbean genotypes in eastern and northern Uganda <i>Mbeyagala et al.</i>	Development of a biological mycotoxin-binder for improving the safety of livestock feeds and animal productivity <i>Nakavuma et al.</i>
1240-1255	Characterization of cowpea accessions for key agronomic traits in Uganda <i>Asega et al.</i>	Determinants of dietary diversity in rural households in Uganda <i>Bashaasha et al.</i>	Establishing a functional seed system for cassava in Uganda: Implications for vegetative propagated crops <i>Pariyo et al.</i>	Efficacy of diatomaceous earth on <i>Ascaridia galli</i> and on feed conversion in laying hens <i>Isabirye et al.</i>
1255-1310	Combining ability of highland and mid-altitude maize inbred lines for adaptation to transitional elevation in Uganda. <i>Isingoma et al.</i>	Exploring diversity in smallholder agricultural systems in Uganda and implication for technology adoption <i>Kabiri et al.</i>	Phenotypic integrity of inbred lines and hybrid maize for comparative analysis of distinctness and stability <i>Ayesiga et al.</i>	Developing control strategies for brucellosis in the cattle corridor <i>Tumwine et al.</i>
	Discussion	Discussion	Discussion	Discussion
1310-1400	HEALTH BREAK: LUNCH			
1400-1500	SESSION 3: GUIDED TOUR OF EXHIBITIONS AND POSTERS			

SESSION 4: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 3: Closing the gender gap in agricultural transformation	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Maxwell Otim Rapporteur: Mr. Mujib Nkambo and Mr. Laban Musinguzi	Hall: Majestic Chair: Dr. Benon Ssekamate Rapporteur: Dr. Michael Otim and Dr. Stanley Nkalubo	Hall: Royal Chair: Dr. John Stephen Tenywa Rapporteur: Dr. Onesmus Semalulu and Mr. Josephat Musinguzi	Hall: Regal Chair: Dr. Jessica Nakavuma Rapporteur: Dr. Kato Drago and Dr. Gabriel Tumwine
	Fisheries	Entomology	Agronomy and soil science	NARO CGS
1500-1515	Growth and survival of <i>Barbus altianalis</i> larvae and juveniles in captivity <i>Aruho et al.</i>	Efficacy trials of three bio-pesticides on the false codling moth infesting hot pepper in Uganda <i>Nankinga et al.</i>	Effect of different forms of bio-slurry on the performance of cabbage and maize in south western Uganda <i>Turyagyenda et al.</i>	Refocussing on the ongoing work
1515-1530	Socio-economic and sustainability consequences of the decline of large fish species in Ugandan lakes <i>Nakiyende et al.</i>	Dynamics of black coffee twig borer damage on Robusta coffee in Uganda <i>Kagezi et al.</i>	Response of pure <i>versus</i> mixed banana varietal stands to banana weevil infestation <i>Mulumba et al.</i>	

1530-1545	The Development of Gillnet mesh size Regulation on Lake Victoria: A case of the Nile perch fishery, Uganda Mpomwenda <i>et al.</i>	Behavioural and electrophysiological responses of sweetpotato weevils to volatile compounds from sweetpotato plants Otema <i>et al.</i>	Effect of spacing of drainage channels and hydro physical properties on discharge of a wetland in central Uganda Samanya <i>et al.</i>	
1545-1600	A review of the diversity of aquatic organisms of food importance in rice based ecosystems, opportunities for Uganda Lulijwa <i>et al.</i>	Susceptibility of six mango varieties to <i>Bactrocera invadens</i> Drew, Tsuruta and White (Diptera: Tephritidae) in Uganda Aool <i>et al.</i>	Evaluation of soil fertility amendment options for improved maize productivity in Lake Victoria crescent, Uganda Sseruwu <i>et al.</i>	
	Discussion	Discussion	Discussion	
SESSION 5: PLENARY- VICTORIA BALL ROOM				
Chair: Prof. Margaret Mangheni				
Rapporteur: Dr. Ruth Kabanyolo and Ms. Josephine Nakanwagi				
1600-1630	Key note address: Strategies for enhancing engagement of women and youth in agriculture for socio-economic transformation by Dr. Peace Musimenta, Undergraduate program coordinator CHUSS, Makerere University			
1630-1700	Discussion			
1700-1900	NETWORKING SESSION			

TUESDAY 22 NOVEMBER, 2016

SESSION 6: PLENARY- VICTORIA BALL ROOM

Session Chair: Dr. Sam Ssemanda, Commissioner MAAIF

Rapporteur: Ms. Damalie Akwango and Mr. Ollen Wanda

0830-0900	Keynote address: Experiences with agricultural policy formulation and implementation: The Uganda perspective by Dr. Sarah Ssewanyana, Executive Director Economic Policy Research Center
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0900-0930	Discussion
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SESSION 7: PARALLEL SESSIONS

	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1 : Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 3: Advances in agricultural innovations for increased agricultural	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Charles Mugoya Rapporteur: Dr. Anne Kazibwe and Dr. Barbara Zawedde	Hall: Majestic Chair: Prof. J. Rutaisire Rapporteur: Dr. Constantine Katongole and Dr. John Walakira	Hall: Royal Chair: Dr. Godfrey Asea Rapporteur: Dr. Jimmy Lamwo and Dr. Geoffrey Tusiime	Hall: Regal Chair: Dr. Dickson Baguma Rapporteur: Dr. Japheth Magyembe and Mr. Ollen Wanda
	Biotechnology	Livestock	Plant Pathology	NARO CGS
0930-0945	Role of Plant growth regulators in regeneration of leaf explants into complete plants <i>Apio et al.</i>	Bridging the dry season dairy feeding gap using quality rice residue based Total Mixed Rations in Northern Uganda <i>Nviiri et al.</i>	Characterisation, pathogenicity and epidemiology of pythium root rot disease in central Uganda <i>Arengo et al.</i>	Capture-based aquaculture of the Nile perch <i>Mwanja et al.</i>

0945-1000	In <i>vitro</i> regeneration of shea tree (<i>Vitellaria paradoxia</i>) as influenced by explant type and media composition. <i>Okao et al.</i>	Effect of feeding lactating dairy cows on fibrous maize Stover treated with <i>Pleurotus sajor caju</i> on dry matter intake, milk yield and quality <i>Atuhaire et al.</i>	Response of rice germplasm to Bacterial leaf streak Disease in Uganda <i>Kanaabi et al.</i>	Socio -ecological suitability of fish production in small water bodies in Western Uganda <i>Mbabazi et al.</i>
1000-1015	Variation in nutritional quality of cassava root following Vitamin-A biofortification. <i>Atwijukire et al.</i>	Variations in resistance to gastrointestinal nematodes among indigenous goat breeds in Uganda <i>Onzima et al.</i>	Reaction of cowpea germplasm to cercospora leaf spot disease (pseudocercospora cruenta (sacc.) deighton in Uganda <i>Senyo et al.</i>	Simultaneous selection of yield and yield stability of sweetpotato (<i>Ipomoea batatas</i> (L.) Lam) in Uganda <i>Chelengant et al.</i>
1015-1030	Molecular characterization via SSR markers of elite maize inbred lines for drought tolerance <i>Oluwaranti et al.</i>	Alternative control options of livestock ailments to transform farmers' lives in Uganda's south east agro-ecological zone (USEAEZ) <i>Owoyesigire et al.</i>	Characterisation of groundnut genotypes for resistance to groundnut rosette disease and its aphid vector (<i>Aphis craccivora</i>) <i>Biruma et al.</i>	Efficiency of solar light attraction technology for harvest of Mukene(<i>Rastrineobola argentea</i>) on Lake Victoria <i>Taabu-Munyaho et al.</i>
	Discussion	Discussion	Discussion	Discussion
1030-1100	HEALTH BREAK			

SESSION 8: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Godfrey Asea Rapporteur: Dr. Geoffrey Arinaitwe and Dr. Jerome Kubiriba	Hall: Majestic Chair: Dr. Anthony Taabu Rapporteur: Dr. Fred Kabi and Dr. Sam Oketch	Hall: Royal Chair: Prof. Wilberforce Tushemereirwe Rapporteur: Dr. Moses Biruma and Dr. Geoffrey Tusiime	Hall: Regal Chair: Dr. George Lukwago Rapporteur: Mr. Idd Ramadhani and Dr. John Adriko
	Biotechnology	Livestock	Plant Pathology	NARO CGS
1100-1115	Effect of cutting type on rooting success and budbreak of the Shea tree (<i>Vitellaria paradoxa</i>) Okao <i>et al.</i>	Efficacy of Four Classical Anthelmintics in Goats Managed under Natural Conditions in the South Western Highlands of Uganda Katali <i>et al.</i>	Field evaluation of <i>Alternaria</i> leaf petiole and stem blight resistance in the New Kawogo x Beauregard biparental sweetpotato breeding population in Uganda. Adero <i>et al.</i>	Isolation of pineapple heart rot causal organisms from the soils and plant tissues in central Uganda Chelimo <i>et al.</i>
1115-1130	Effect of levels of flowering on pollen germination ability in different varieties cassava (<i>Manihot esculenta Crantz</i>) Eyokia <i>et al.</i>	Sorghum stover and <i>Tithonia diversifolia</i> leaf hay as alternative feed resources in stallholder dairy production systems in northern Uganda Kabirizi <i>et al.</i>	Geographical distribution, biological and genetic diversity of cassava brown streak disease causing viruses in Uganda. Abidrabo <i>et al.</i>	Screening of cowpea genotypes for resistance to <i>Fusarium redolens</i> in Uganda Namasaka <i>et al.</i>

1130-1145	Development of an in-vitro multiplication protocol for the local African yam species in Uganda from nodal cuttings <i>Akol et al.</i>	Challenges in diagnosing African swine fever in Uganda <i>Mayega et al.</i>	Abundance and diversity of fungal endophyte communities associated with local <i>Brachiaria</i> ecotypes of Uganda <i>Mwesigwa et al.</i>	Yield performance of sorghum under low soil nutrients and moisture in north eastern Uganda <i>Otuba et al.</i>
1145-1200	Regeneration of Totipotent tissues from Ugandan farmer preferred cassava genotypes. <i>Apio et al.</i>	Role of bush pigs in the epidemiology of African swine fever at the wildlife- live stock interface in Uganda <i>Ogweng et al.</i>	Distribution and variability of <i>Xanthomonas axonopodis</i> pv. <i>Manihotis</i> in Uganda <i>Opio et al.</i>	Diversity and management of pineapple heart rot disease in Uganda <i>Bua et al.</i>
1200-1215	Morphological characterization of plantlets generated from irradiated pollen <i>Oshaba et al.</i>	Isolation and quantification of Enterohaemorrhagic <i>Escherichia coli</i> in milk from Mityana district, Uganda <i>Muwereza et al.</i>	Prevalence, incidence and severity of oil palm diseases in the Lake Victoria crescent and Western mid Altitude Agro-ecological zone of Uganda <i>Mwebaze et al.</i>	Biotechnology and improvement of medicinal plant species in Uganda <i>Adriko et al.</i>
1215-1230	Production of organized embryogenic structures from selected cassava clones <i>Oketcho et al.</i>	Evaluation of sugar graze and nutritive sorghum forage varieties under different cutting and nitrogen fertilizer regimes in northern Uganda <i>Kabirizi et al.</i>	Diseases and yield stability of selected common bean varieties in western Uganda <i>Awio et al.</i>	Discussion

1230-1245	<i>In-vitro</i> propagation of the endangered medicinal African ginger (<i>Mondiawhitei</i>) Driciru <i>et al.</i>	Reproductive performance of single and double artificial insemination protocol in swine Bandage <i>et al.</i>	Resistance of hybrid rice to rice yellow mottle virus (RYMV) and rice blast diseases in Uganda Lamo <i>et al.</i>	
1245-1300	Tissue protein response to zinc application in zinc biofortifier bush bean genotypes Nankya <i>et al.</i>	The effect of <i>Metarhizium anisopliae</i> isolates on the hatchability of tick (Acari: ixodidae) eggs under laboratory conditions Alingu <i>et al.</i>	Postulation of stem rust and stripe rust resistance genes in a CIMMYT international wheat nursery using phenotypic and molecular technologies Chemayek <i>et al.</i>	
	Discussion	Discussion	Discussion	
1300-1400	HEALTH BREAK: LUNCH			
1400-1500	SESSION 9: GUIDED TOUR OF EXHIBITIONS AND POSTERS			

SESSION 10: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Chair: Dr. Benon Ssekamate Rapporteur: Mr. John Bosco Muhumuza and Dr. Anne Kazibwe	Hall: Majestic Chair: Dr. Clement Okia Rapporteur: Dr. Samson Gwali and Ms. Josephine Nakanwagi	Hall: Royal Chair: Dr. Swidiq Mugerwa Rapporteur: Dr. Winnie Nkalubo and Dr. Godfrey Kagezi	Hall: Regal Chair: Dr. George Lukwago Rapporteur: : Dr. John Adriko and Idd Ramadhani
	Entomology and pathology	Land use and climate change	Fisheries	NARO CGS
1500-1515	Distribution and status of Arabica coffee pests in the Mountain Elgon area of Uganda <i>Kucel et al.</i>	Land use /cover change and perceived watershed status in Eastern Uganda <i>Akello et al.</i>	Effect of culture nutrients on the biomass and fatty acid profiles of microalgae (<i>Chlorella</i> spp.) <i>Arinaitwe et al.</i>	Up scaling and commercialization of available and utilisable innovations
1515-1530	Virus movement from infected vines to roots and symptom expression on root sprout <i>Adikini et al.</i>	Status of land ownership and land use diversity in central Uganda. <i>Nankinga et al.</i>	Inappropriate use of ecosystem models for guiding fish management without a priori knowledge: Insights from lake Victoria, East Africa. <i>Natugonza et al.</i>	
1530-1545	Role of sexual and asexual reproduction in <i>Gibberella xylarioides</i> on its virulence <i>Olal et al.</i>	Household perception of climate change in wetland adjacent communities in Uganda <i>Yikii et al.</i>	Growth performance of rotifer fed on <i>Chlorella</i> cultured on locally available nutrient materials <i>Arinaitwe et al.</i>	
1545-1600	Allelopathic properties of	Prevalence of food insecurity in	Hatchability of selected	

	<p>bioactive compounds in NERICA 1 rice variety and selected medicinal plants</p> <p>Kaiira <i>et al.</i></p>	<p>households adjacent to two wetland areas of Uganda</p> <p>Yikii <i>et al.</i></p>	<p>commercial Artemia strains using waters from selected Saline Crater Lakes of Western Uganda</p> <p>Nkambo <i>et al.</i></p>	
1600-1615	<p>Performance of <i>Bt</i> maize (MON810) infested with spotted stem borer in Uganda</p> <p>Otim <i>et al.</i></p>	<p>Use of climate change adaptation strategies among arable crop farmers in Oyo and Ekiti States, Nigeria</p> <p>Akintonde <i>et al.</i></p>	<p>Integrated assessments for selection and zoning of sites for cage fish farms and aquaculture parks in northern lake Victoria</p> <p>Musinguzi <i>et al.</i></p>	
1615-1630	<p>Identification of sources of rust resistance in common bean germplasm in Uganda</p> <p>Odogwu <i>et al.</i></p>	<p>Utilization and conservation status of indigenous woody plant species in a sedentary pastoral production system in south western Uganda</p> <p>Nabasumba <i>et al.</i></p>	<p>Exploitation of the elephant snout fish (<i>Mormyrus kannume</i>) Forsskal 1775. A case study on the Upper Victoria Nile.</p> <p>Bassa <i>et al.</i></p>	

1630-1645	Effect of synthetic and natural pesticides concentration on pests and natural enemies in citrus orchards <i>Tumwine et al.</i>	Farmers' criteria for preferred tree species inter-planted in coffee in Uganda <i>Nambuya et al.</i>	The role of information technology in facilitating aquaculture development in Uganda. <i>Matuha et al.</i>	
1645-1700	Degeneration of the quality of cassava planting materials due to cassava brown streak disease <i>Adoch et al.</i>	Characterizing the coffee-banana agroforestry systems: An entry point for promoting coffee and banana growing in mid-northern Uganda <i>Kagezi et al.</i>	Prospects for Increasing Fish Production Through Cage Fish Farming in Uganda <i>Ogotu et al.</i>	
	Discussion	Discussion	Discussion	
1700-1730	HEALTH BREAK			

WEDNESDAY 23 NOVEMBER, 2016

SESSION 11: PLENARY-VICTORIA BALL ROOM

Chair: Dr. Moses Osiru, RUFORUM

Rapporteur: Dr. Japheth Magyembe and Ms. Gorette Naluvuma

0830 -0900	Keynote address: Partnerships for enhancing utilization of agricultural innovations by Dr Felicita W. Makini, Deputy Director General, KALRO Headquarters
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0900 -0930	Discussion
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SESSION 12: PARALLEL SESSIONS

	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Micheal Ugen Rapporteur: Dr. Frank Kagoda and Dr. Robert Kawuki	Hall: Majestic Chair: Dr. Titus Alicai Rapporteur: Mr. Stuart Kyebogola and Mr. Fred Yikii	Hall: Royal Chair: Prof. Margaret Mangheni. Rapporteur: Ms. Christine Elong and Ms. Victoria Mbigidde	Hall: Regal Chair: Dr. Dickson Baguma Rapporteur: Dr. Japheth Magyembe and Mr. Ollen Wanda
	Plant breeding	Agronomy and soil science	Socio-econ	NARO CGS
0930-0945	Comparison of inheritance patterns for yield and disease resistance in white maize and yellow conversions. Nkurunziza <i>et al.</i>	Effect of Low phosphorous levels on growth, yield and nutrition of rice in andosols Musinguzi <i>et al.</i>	Determinants of child survival in rural Uganda Bashaasha and Kawuma	Modalities for extending products to end users

0945-1000	Low cost alternatives for post-flask management of cassava germplasm in Uganda <i>Samukoya et al.</i>	Adoption of Conservation Agriculture Practices in maize-based production systems in Eastern Uganda and Western Kenya <i>Namuyiga et al.</i>	Contribution of urban cropping practices to the income and food security of households in central Uganda <i>Mugisa et al.</i>	
1000-1015	Stability analysis for <i>Imazapyr</i> - and <i>Striga</i> -resistant maize hybrids across six environments in Uganda <i>Kasozi et al.</i>	Yield performance of improved chickpea (<i>Cicer arietinum</i>) varieties under pure stand and banana intercrop methods in semi-arid agro-ecological zone of South Western Uganda <i>Muzira et al.</i>	Analysis of potential demand for clean cassava planting material in Uganda. <i>Angudubo et al.</i>	
1015-1030	Exploring the potential of wide crossing in the generation of doubled haploids in cassava <i>Baguma et al.</i>	Performance of NERICA rice varieties in Ferralsols of the Lake Albertine Crescent Zone <i>Musinguzi et al.</i>	Strengthening communication and knowledge management for increased agricultural productivity: A case study of NARO, Uganda <i>Mbigidde et al.</i>	
	Discussion	Discussion	Discussion	
1030-1100	HEALTH BREAK			

SESSION 13: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Micheal Ugen Rapporteur: Dr. Robert Kawuki and Dr. Frank Kagoda	Hall: Majestic Chair: Dr. Titus Alicai Rapporteur: Ms. Margaret Namugwanya and Mr. Josephat Musingizi	Hall: Royal Chair: Dr. Anton Bua Rapporteur: Ms. Gertrude Atukunda and Ms. Christine Elong	Hall: Regal Chair: Dr. Jessica Nakavuma Rapporteur: Dr. Kato Drago and Dr. Gabriel Tumwine
	Plant breeding	Agronomy and soil science	Socio-econ	NARO CGS
1100-1115	Characterization and utility of anthracnose EST-SSR derived markers in sorghum <i>Biruma et al.</i>	Early performance of ten newly developed lines of Robusta coffee in Nakaseke district in Uganda. <i>Nalukenge et al.</i>	Factors influencing adoption of improved Robusta coffee technologies in Uganda <i>Luzinda et al.</i>	Focus on product patenting
1115-1130	Reaction and classification of rice germplasm for resistance to Ugandan strain of Rice Yellow Mottle Virus <i>Sserumaga et al.</i>	Within-tree and tree-age variations of selected anatomical properties of <i>Eucalyptus grandis</i> W. Hill ex Maiden wood grown in Western Uganda <i>Sseremba et al.</i>	Actor diversity and interactions in the development of banana hybrid varieties in Uganda: Implications for technology uptake <i>Nasirumbi et al.</i>	

1130-1145	Genotype by environment interaction as a measure of yield stability of Dutch potato varieties in Uganda <i>Byarugaba et al.</i>	Efficacy of different Rhizobia strains in enhancing grain yield in pigeonpea <i>Amayo et al.</i>	Extension service delivery for fish farmers in Uganda: Towards bridging the demand-supply gap <i>Atukunda et al.</i>	
1145-1200	Field evaluation of the putatively sweetpotato weevil resistant germplasm in Uganda <i>Musana et al.</i>	Evaluation of performance and utilization properties of Grain Amaranth in Uganda <i>Gafabusa et al.</i>	Factors limiting fertiliser use in coffee production in Central Uganda; farmers' perception <i>Nuwagira et al.</i>	
1200-1215	Combining ability for low-temperature tolerance among a collection of rice accessions in Uganda <i>Nyiramugisha et al.</i>	Evaluation and participatory selection of promising sweetpotato F ₁ genotypes in Uganda Sseruwu	Grain demand and consumption in selected districts of Uganda. The case of maize, beans, ground nuts and rice <i>Kato et al.</i>	

1215-1230	Inheritance of combined resistance to <i>Aspergillus flavus</i> , <i>Fusarium graminearum</i> and <i>Stenocarpella maydis</i> in tropical maize germplasm <i>Chemutai et al.</i>	Adaptability and productivity of provitamin-A maize introductions in Uganda <i>Kwemoi et al.</i>	Farmers' knowledge of pests and diseases within coffee-banana agro-forestry systems of mid-eastern Uganda <i>Kobusinge et al.</i>	
1230-1245	Groundnut cultivar performance and stability in the lake Albert Crescent zone of Uganda <i>Makeeto et al.</i>	Fertiliser requirements and intra-row spacing for maize in the Lake Albert Crescent zone of Uganda <i>Sadina et al.</i>	Amplifying farmer voices in the genetic engineering policy debate <i>Nanteza et al.</i>	
1245-1300	Yield loss and profitability of chemical control of the groundnut leaf miner on different soybean genotypes <i>Namara et al.</i>	Influence of drought on the agronomic performance of low phosphorus tolerant common bean genotypes <i>Namugwanya et al.</i>	Participatory male fruit fly trapping in Western Uganda: Implications for area wide Integrated Pest Management <i>Masanyu et al.</i>	
	Discussion	Discussion	Discussion	
1300-1400	HEALTH BREAK: LUNCH			

1400-1500	SESSION 14: GUIDED TOUR OF EXHIBITIONS AND POSTERS			
SESSION 15: PARALLEL SESSIONS				
	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Sam Kucel Rapporteur: Dr. Micheal Otim and Ms. Anita Tebasaga	Hall: Majestic Chair: Prof. Samuel Majalija Rapporteur: Dr. Constantine Katongole and Mr. Kefa Atibun	Hall: Royal Chair: Dr. Hillary Agaba Rapporteur: Dr. Jerome Kubiriba and Dr. Geoffrey Arinaitwe	Hall: Regal Chair: Dr. Dickson Baguma Rapporteur: Dr. Kato Drago and Dr. Gabriel Tumwine
	Post harvest handling	Livestock	Entomology & pathology	NARO CGS
1500-1515	A gender responsive light weight rice thresher <i>Candia et al.</i>	Evaluation of recombinant glutathione S-transferase (rGST) as a candidate antigen for control of <i>Rhipicephalus appendiculatus</i> ticks on cattle <i>Alingu et al.</i>	Response of improved cassava varieties to whitefly infestation in Uganda <i>Omara et al.</i>	Soliciting ideas for additional support
1515-1530	Effect of packaging methods on the storage stability of dried capelin in temperature and humidity conditions of Uganda. <i>Tinyiro et al.</i>	Pests affecting the production of honey in African honey bees in Uganda <i>Otim et al.</i>	Black Coffee Twig Borer infestation on <i>Maesopsis eminii</i> , a common tree species in coffee agro-systems in Uganda <i>Kagezi et al.</i>	

1530-1545	Composition and variation of fatty acids among groundnut cultivars in Uganda <i>Achola et al.</i>	Assessment of the defensive behavior of honeybees in the agro-ecological zones of Uganda <i>Kasangaki et al.</i>	Genetic analysis of resistance to storage weevil <i>Sitophilus zeamais</i> (Motschulsky) among provitamin-A maize germplasm <i>Sodédji et al.</i>	
1545-1600	Characterization of briquettes made from agricultural residues for domestic cooking applications in Uganda <i>Lubwama et al.</i>	Potential of <i>Haemaphysalis longicornis</i> recombinant glutathione S-transferase (rGST-HI) in the control of African tick infestation and tick-borne hemoparasite infection Kirunda	Role of sexual and asexual reproduction in <i>Gibberella xylarioides</i> on its virulence <i>Olal et al.</i>	
1600-1615	Quantitative rice postharvest grain losses in the Albertine and Olweny Rice Hubs, Uganda <i>Candia et al.</i>	Drivers for tick acaricide resistance in South Western Uganda <i>Mbatidde et al.</i>	Quantification of grain yield loss and profitability of chemical control of the groundnut leaf miner on different soybean genotypes <i>Namara et al.</i>	

1615-1630	Effect of pole size on preservative penetration and retention in air-dried Ugandan grown Eucalypt utility poles Mugabi and Thembo	Genetic diversity of <i>Theileria parva</i> among indigenous cattle in Uganda in the advent of emerging acaricide resistance: Informing more robust control strategies? Kabi <i>et al.</i>	Field parasitism of the cassava whitefly by parasitoid natural enemies in Uganda Ocitti <i>et al.</i>	
1630-1645	Effectiveness of cassava leaf pruning for inducing delay in postharvest physiological deterioration of fresh cassava roots Muyinza <i>et al.</i>	Status of beef cattle and meat quality available on the Ugandan market Nantongo <i>et al.</i>	Root-knot nematodes on tomatoes in Kyenjojo and Masaka Districts in Uganda Mwesige	
1645-1700	A bio economic analysis of the carbon sequestration potential of agroforestry systems: A case study of <i>Grevillea Robusta</i> in South Western Uganda Kiyingi <i>et al.</i>	Mitochondrial DNA (mtDNA) marker reveals low genetic variation and presence of two honeybee races in Uganda's agro-ecological zones Kasangaki <i>et al.</i>	Antimicrobial activity and activation of defense genes by selected plant extracts in susceptible banana (<i>Musa spp</i>) against Black Sigatoka pathogen Kumakeh <i>et al.</i>	
	Discussion	Discussion	Discussion	
1700-1730	HEALTH BREAK			

THURSDAY 24 NOVEMBER, 2016

SESSION 16: PLENARY-VICTORIA BALL ROOM

Chair: Dr. Rosette Nabumba

Rapporteur: Dr. Ollen Wanda and Damalie Akwango

0830-0900	Keynote address: Does evaluation of research of agricultural initiatives contribute to socio-economic transformation in sub-Saharan Africa by Dr. Madina Guloba, Senior Research Fellow, Economic Policy Research Center
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0900-0930	Discussion
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SESSION 17: PARALLEL SESSIONS

	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	Sub-Theme 1: Advances in agricultural innovations for increased agricultural competitiveness	SIDE EVENT
	Hall: Victoria Ball Room Chair: Dr. Sudiq Mugerwa Rapporteur: Dr. Mwanja Tenywa and Mr. Vianny Natugonza	Hall: Majestic Chair: Dr. Arthur Makara Rapporteur: Dr. Jerome Kubiriba and Dr. Geoffrey Arinaitwe	Hall: Regal Chair: Dr. Jessica Nakavuma Rapporteur: Dr. Japheth Magyembe and Ms. Christine Elong
	Land use , climate change and Fisheries	Breeding and biotechnology	NARO CGS
0930-0945	Promotion of conservation and prospecting value of medicinal plant species in Uganda Adriko <i>et al.</i>	Quantifying resistance, tolerance and susceptibility following duo infection of Cassava Brown Streak Viruses Okul <i>et al.</i>	Soliciting ideas for additional support – continuation

0945-1000	Prophylactic agents for fish diseases in Uganda: Screening potential phytobiotics Walakira <i>et al.</i>	Morphological characterization of cassava germplasm in Uganda Nakabonge <i>et al.</i>	
1000-1015	Physico-chemical and extrusion properties for commercially potential common beans Natabirwa <i>et al.</i>	Evaluation of the adaptability of different cassava genotypes and selection for adaptation in highland areas of Uganda Ntivuguruzwa <i>et al.</i>	
1015-1030	Parklands, pasture lands, paddy rice fields and coffee gardens as existing or potential agricultural socio-ecological production landscapes Olupot	Propagation of <i>Carissa edulis</i> medicinal species using stem cuttings and its on farm and on station domestication in Uganda Abigaba <i>et al.</i>	
1030-1045	Aflatoxin sequestering potential of Ugandan bentonites and diatomaceous earth Nviiri <i>et al.</i>	Characterization of indigenous <i>Brachiaria</i> germplasm in Uganda using microsatellite markers Namazzi <i>et al.</i>	
1045-1100	Effects of Bujagali hydropower dam construction on fish communities along a section of the upper Victoria Nile in Uganda Nkalubo <i>et al.</i>	Estimation of heterosis in new quality protein maize hybrids for desirable traits Ayiga-Aluba <i>et al.</i>	
	Discussion	Discussion	
1100-1130	HEALTH BREAK		

SESSION 18: PLENARY- VICTORIA BALL ROOM	
Chair: Dr. Andrew Kiggundu	
Rapporteur: Ms. Damalie Akwango and Ms. Susan Nimusiima	
1130-1145	Position paper: The use of ICTs for Agricultural transformation
1145-1200	Competitive Grant Scheme in the National Agricultural Research Organisation: Implementation and achievements by Mukalazi and Magyembe
1200-1215	Inspiring youth to focus on agribusiness for wealth creation: Experience with adopting improved feeds and feed management innovations by Nambatya
	Discussion
1200-1300	SESSION 19: GUIDED TOUR OF EXHIBITIONS AND POSTERS
1300-1400	HEALTH BREAK: LUNCH
SESSION 20: PLENARY	
Chair: Dr. Yona Baguma	
Rapporteur: Dr. Daniel Waiswa and Dr. Anne Kazibwe	
Panel Moderator: Dr. Lilian Byarugaba	
1400-1430	Keynote address: Repositioning the research agenda to achieve African Agricultural Transformation by Dr. Ambrose Agona, Director General, NARO
1430-1500	Discussion
1500-1600	Conference Debate
SESSION 21: CLOSING CEREMONY	
Chair: Prof. Bernard Bashaasha	
Rapporteur: Dr. Daniel Waiswa and Dr. Sam Oketch	
1600-1615	Closing remarks by Director General, NARO
1615-1630	Closing remarks by the Vice Chancellor, Makerere University
1630-1700	Official closing address by the Minister of Agriculture Animal Industry and Fisheries
1700-1900	EVENING FUNCTION: AWARDS CEREMONY AND DINNER