

Monday 18 January 2016		
Time	Event	Venue
15:00 – 18:30	Registration	Centenary Complex – 29° 6'44.45"S 26° 11'13.39"E
15:00 – 18:30	Mount Posters	Economic and Management Sciences Building Foyer – 29° 6'31.97"S 26° 11'8.24"S
19:00 – 20:30	Coctail	Centenary Complex -

Tuesday 19 January 2016			
Time	Event	Venue	
07:00 – 08:30	Registration	Economic and Management Sciences Building Foyer	
PLENARY SESSION – Room ALG2			
08:30 – 08:40	Welcome	Dr Gert Ceronio	
Keynote addresses			
09:40 – 09:10	Opening address	Dr Glen Taylor	
09:15 – 09:45	SAWSS	Dr Lynn Sosnoskie	CONSERVATION TILLAGE AND ITS EFFECTS ON WEED ECOLOGY AND MANAGEMENT WITH A SPECIAL EMPHASIS ON HERBICIDE RESISTANCE AND SUSTAINABLE CROP PRODUCTION
09:45 – 10:15	SSSSA	Prof. Chris du Preez	A GLIMPSE INTO THE PAST, PRESENT AND FUTURE TRENDS OF SOIL SCIENCE
10:15 – 10:40	MORNING TEA – Economic and Management Sciences Building Foyer		
10:45 – 11:15	SASHS	Prof. Roland Schultze	“WHITHER THE WEATHER?” OR, “WHEATHER WE WITHER?” PEEPING THROUGH THE LOOKING GLASS INTO A CLIMATE CHANGED WORLD
11:15 – 11:45	SASCP	Prof. James Blignaut	CONSERVATION AND CONVENTIONAL AGRICULTURE: A COMPARATIVE ANALYSIS FOCUSING ON DRYLAND MAIZE PRODUCTION
11:45 – 12:50	LUNCH – CENTENARY COMPLEX		

FIRST CONCURRENT SESSION - Tuesday 19 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Crop Production	Weeds	Hort Production	Soil Genesis
	Mr Willem T Engelbrecht	Dr James Allemann	Dr Paul JR Cronje	Prof Pieter AL le Roux
13:00 – 13:20	SENSITIVITY OF SOIL QUALITY INDICATORS AND CROP PERFORMANCE TO SOIL DISTURBANCE AND CROP ROTATION IN THE SWARTLAND AND RUENS SUB-REGIONS OF THE WESTERN CAPE – Labuschagne – p. 71	CHARACTERIZATION OF <i>Cyperus esculentus</i> L. (YELLOW NUTSEDEGE) – Bezuidenhout – p. 22	MECHANICAL THINNING OF APPLES (<i>Malus domestica</i> Borkh.) – Kirstein – p. 63	EXPLOITING CONCEALED EXPERT KNOWLEDGE FROM LAND TYPE DATA USING TERRAIN ANALYSIS - Botha – p. 24
13:20 – 13:40	CONSERVATION AGRICULTURE SYSTEM EFFECTS ON THE YIELD OF MAIZE – Nel – p. 114	RYEGRASS GERMINATION IS INFLUENCED BY SEED AGE – Ferreira – p. 47	EVALUATION OF 'ROSY GLOW' APPLE (<i>Malus domestica</i> Borkh.) TREES GRAFTED ON VARIOUS ROOTSTOCKS – Siboza – p. 137	CHEMICAL AND PHOTOMETRIC PROPERTIES OF BLEACHED TOPSOILS OCCURRING ON RED AND YELLOW-BROWN APEDAL SUBSOILS – Carstens – p. 26
13:40 – 14:00	RESPONSE OF WHEAT (<i>Triticum aestivum</i> L.) AND CANOLA (<i>Brassica napus</i>) TO A ONCE-OFF STRATEGIC TILLAGE IN THE SWARTLAND SUB-REGION OF THE WESTERN CAPE – Van Zyl – p.156	GENETIC DIVERSITY AND HERBICIDE TOLERANCE IN <i>Coryza bonariensis</i> – Mbedzi – p. 99	THE EFFICACY OF CHEMICAL AND MECHANICAL THINNING STRATEGIES FOR 'AFRICAN ROSE™' JAPANESE PLUM (<i>Prunus salicina</i> Lindl.) – Steenkamp – p. 141	THE PEDOGENESIS OF BLEACHED TOPSOILS OVERLYING WEAKLY STRUCTURED SUBSOILS AND THEIR SIGNIFICANCE TO CLASSIFICATION - Le Roux – p. 73
14:00 – 14:20	CONSERVATION AGRICULTURE - THE ANSWER TO SUSTAINABLE AGRICULTURE – Strauss – p. 144	EVALUATION OF MAIZE (<i>Zea mays</i> L) GENOTYPES FOR RESISTANCE TO WITCHWEED (<i>Striga asiatica</i> L. KUTZE) INFECTION IN MAIZE – Kwashie – p. 69	ENHANCING MICROCLIMATE AND PRODUCTIVITY OF SUBTROPICAL AVOCADO 'CARMEN®-HASS' IN PROTECTED CULTIVATION – Malapana - - p. 84	HYDROPEDEOLOGICAL REACTION OF ENRICHED INDUSTRIAL WATER IN A VERTIC CATENA – Tinnefeld – p. 150
14:20 – 14:40	EFFECT OF ONCE- OFF TILLAGE ON SOIL QUALITY AND WHEAT PERFORMANCE IN LUCERNE/CASH CROP SYSTEM – Labushagne – p.70	EFFECT OF GLYPHOSATE APPLICATION AT DIFFERENT GROWTH STAGES ON GLYPHOSATE TOLERANT MAIZE HYBRIDS – Odendaal – p. 122	DOES SHADE NETTING INCREASE OR DECREASE WATER USE IN AVOCADOS? – Mazhawa – p. 97	A VISION TO REVITALISE SOIL CLASSIFICATION – Van Huyssteen – p. 154
14:40 – 15:00	WATER USE OF SORGHUM (<i>Sorghum bicolor</i> L. Moench) IN RESPNSE TO VARYING PLANTING DATES – Hadebe – p. 52		EFFECT OF PRUNING TIME ON FLOWER DIFFERENTIATION, YIELD AND FRUIT SIZE DISTRIBUTION OF AVOCADO GROWING ON DIFFERENT CLIMATIC AREAS – Novela – p. 119	HORSES FOR COURSES: WHICH DIGITAL SOIL MAPPING TOOL TO USE - Van Zijl – p. 155
15:00 – 15:25	AFTERNOON TEA – Economic and Management Sciences Building Foyer			
SECOND CONCURRENT SESSION - Tuesday 19 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Crop Modelling	Weeds	Hort Post Harvest	Soil Chemistry
	Dr Olivier Crespo	Dr Elbé Hugo	Dr Nhalanhlh Mathaba	Prof Jude Odhiambo
15:30 – 15:50	MODELLING SMALLHOLDER CROPPING SYSTEMS – Franke – p. 50	EFFECT OF TEMPERATURE STRESSED <i>Amaranthus cruentus</i> L. RESIDUES AND EXTRACTS ON VEGETABLE SEED GERMINATION AND SEEDLING GROWTH – Allemann – p. 16	EFFECT OF HARVEST TIME, ORCHARD SLOPE, FRUIT POSITION AND RIPENING TEMPERATURE ON 'HASS' AVOCADO FRUIT SKIN COLOUR CHANGE – Mathe – p. 94	LONG-TERM EFFECT OF TILLAGE AND CROP ROTATION PRACTICES ON C & N STOCKS IN THE SWARTLAND, WESTERN CAPE, SOUTH AFRICA – Cooper – p. 32
15:50 – 16:10	PHENOTYPING SUGARCANE GENOTYPES FOR RADIATION USE EFFICIENCY – Hoffman – p. 56	ALLELOPATHIC EFFECTS OF LANTANA (<i>Lantana camara</i> L.) ON TOMATOES (<i>Lycopersicon esculentus</i> L.) AND LETTUCE (<i>Lactuca sativa</i> L.) – Manyenga – p. 89	DEVELOPMENT OF OPTIMUM FRUIT MATURITY AND SCIENTIFICALLY DEFINED QUALITY PARAMETERS OF POMEGRANATE FRUIT – Fawole – p. 46	PHYSICO-CHEMICAL AND STRUCTURAL CHARACTERIZATION OF PYROGENIC BIOCHARS FROM HUMAN FECAL WASTE - Koettisi – p. 66
16:10 – 16:30	GENETIC TRAIT MODELLING: ACHIEVEMENTS AND LESSONS FROM SUGARCANE – Singels – p. 138	THE USE OF MULTIPLEX PCR FOR RAPID DETECTION OF TARGET-SITE RESISTANCE MUTATION – Nienaber – p. 116	COLD STERILIZATION OF NEW MANDARIN SELECTIONS DEVELOPED BY THE ARC-ITSC – Mmako – p. 102	THE FATE OF SOIL HUMIC SUBSTANCES AS AFFECTED BY LAND USE CHANGE IN THE SEMI-ARID FREE STATE - Kotzé – p. 67
16:30 – 16:50	INTEGRATED ASSESSMENT OF PROJECTED CLIMATE CHANGE IMPACTS ON MAIZE PRODUCTION IN SOUTHERN AFRICA – Durand – p. 41	LEAF MORPHOLOGICAL CHARACTERISTICS DO NOT CONFER GLYPHOSATE RESISTANCE TO <i>Coryza bonariensis</i> (L.) CRONQ – Okumu – p. 125	INVESTIGATING CITRUS RIND PITTING SUSCEPTABILITY ON SELECTED SWEET ORANGE (<i>Citrus sinensis</i>) CULTIVARS IN SOUTH AFRICA – Mothapo – p.109	EFFECT OF 75 YEARS OF FERTILISATION AND MULCHING ON SOIL ACIDIFICATION IN SUGARCANE – Van Antwerpen – p. 153
16:50 – 17:10	SORGHUM-COWPEA INTERCROP YIELD AND WATER SIMULATION USING THE APSIM MODEL – Chimonyo – p. 27	LESSONS LEARNT FROM RESEARCH IN THE "SOUTH AFRICAN HERBICIDE RESISTANCE INITIATIVE" (SAHRI) – Reinhardt – p. 132	ELUCIDATING THE EFFECTS OF DYNAMIC CONTROLLED ATMOSPHERE AND INITIAL LOW OXYGEN STRESS IN CONCENTRATION OF VOLATILES ASSOCIATED WITH SUPERFICIAL SCALD INCEDENCE 'Packham's Triumph' PEAR – Ramokonyane – p. 131	
17:10 – 17:30	EFFECT OF COMBINED AGRONOMIC VARIATIONS ON MAIZE YIELD UNDER A CHANGING CLIMATE – Zinyengere / Crespo – p. 160		EFFECT OF 1-MCP AND HARVEST TIME ON 'HASS' AVOCADO FRUIT SKIN COLOUR CHANGE – Mathe – p. 95	
19:00 - Late	BRAAI – FREE STATE BOTANICAL GARDEN – GPS Co-ordinatesd – 26°12'42.2"E 29°03'10.7"S / End of Rayton Rd continue on Bloemdal Rd off Dan Pienaar Drive			

THIRD CONCURRENT SESSION - Wednesday 20 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Crop Production	Crop Protection	Hort Production	Soil Biology & Soil Genesis
	Prof John G Annandale	Dr André A Nel	Wiehann J Steyn	Mr Martiens du Plessis
08:30 – 08:50	AGRONOMIC AND ECONOMIC COMPARISONS OF HARVEST AGE EFFECTS ON RAINFED SUGARCANE IN SOUTH AFRICA – Ramburan – p. 130	EVALUATION OF FUNGICIDES FOR GROWTH REGULATING PROPERTIES ON SORGHUM – Craven – p. 33	THE INFLUENCE OF PACLOBUTRAZOLE ON SWEET POTATO GROWTH AND STORAGE – Hlerema – p. 55	BIOREMEDIATION POTENTIALS OF FUNGI ISOLATED FROM DREDGED SEDIMENT OF ASA RIVER IN ILORIN, NORTH CENTRAL NIGERIA – Fawole – p. 45
08:50 – 09:10	AN ANALYSIS OF THE POTENTIAL OF SUGARCANE AS A BIOETHANOL FEEDSTOCK IN SOUTH AFRICA – Eksteen – p. 43	FIELD SCREENING OF SOUTH AFRICAN AND LESOTHO WHEAT CULTIVARS FOR RUSSIAN WHEAT APHID RESISTANCE – Jankielsohn – p. 58	EFFECTS OF SOIL AMENDMENT WITH BIOCHAR ON PHYSIOLOGICAL PROPERTIES AND YIELD OF SPINACH GROWN IN NUTRIENT-DEPLETED SOIL – Jifon – p. 59	THE EFFECT OF CHEMICAL AND BIOFUMIGANTS ON NON-TARGET AND BENEFICIAL SOIL ORGANISMS – Fouché – p. 48
09:10 – 09:30	PERFORMANCE OF SUBSURFACE DRIP IRRIGATION SYSTEMS: RESULTS FROM A SUGAR INDUSTRY SURVEY – Olivier – p. 126	VARIATION IN <i>Puccinia triticiana</i> COLLECTED FROM WHEAT AND TRITICALE IN SOUTH AFRICA – Terefe – p. 148	YIELD, QUALITY AND WATER USE EFFICIENCY OF LEAFY GREENS IN RESPONSE TO HYDROPONICS AND OPEN FIELD PRODUCTION – Leskovar – p. 75	WETLAND SOIL PROPERTIES CONDUCIVE TO THE AESTIVATION OF THE RIFT VALLEY FEVER VIRUS IN CENTRAL SOUTH AFRICA – Verster – p. 157
09:30 – 09:50	DESIRABLE PLANT TRAITS FOR IMPROVING YIELD POTENTIAL OF UPLAND RICE (<i>Oryza sativa</i> L. <i>nerica</i>) UNDER WATER STRESS AT DIFFERENT PHENOLOGICAL STAGES – Alou – p. 18	EVALUATION ACCESSIOS FOR RESISTANCE TO FOUR SOUTH AFRICAN <i>Diuraphis noxia</i> BIOTYPES – Tolmay – p. 151	GROWTH, BULB YIELD AND QUALITY RESPONSE OF SHORT-DAY ONION (<i>Allium cepa</i> L.) AS AFFECTED BY NITROGEN AND ORGANIC MANURE FERTILIZATION – Ncajijana – p. 113	SOIL AND VEGETATION CHARACTER ALONG THE TOPOGRAPHICAL GRADIENTS IN NORTHERN KZN – Pretorius – p. 128
09:50 – 10:10	RESOURCE USE EFFICIENCIES OF POTATO PRODUCTION IN SOUTH AFRICA – Steyn – p. 142	DEVELOPMENT OF DIVERSE FHB, RWA AND RUST RESISTANT GERMPLOASMS – Sydenham – p. 145	WATERMELON (<i>Citrullus lanatus</i>) AS LIVE MULCH FOR CLIMATIC CHANGE ADAPTATION IN AFRICAN HUMID TROPICS' CROPPING SYSTEM – Ojo – p. 124	LONG-TERM HYDROLOGY OF THE WETLANDS IN WEATHERLEY – Stolk – p. 143
10:10 – 10:30	USING WATER FOOTPRINTING TO IMPROVE AGRICULTURAL WATER USE MANGEMENT ON A WATER STRESSED AQUIFER – Le Roux – p. 74			
10:30 – 10:55	MORNING TEA – Economic and Management Sciences Building Foyer			
FOURTH CONCURRENT SESSION – Wednesday 20 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Crop Nutrition	Crop Agrometeorology / Bio-fuels	Hort Physiology	Hort Production / Post Harvest
	Prof Albert T Modi	Dr Diana Marais	Mr Mark Penter	Mrs Pippa A Karsen
11:00 – 11:20	NITROGEN MANAGEMENT EFFECTS ON TUBER INITIATION OF SLECTED POTATO CULTIVARS – Du Raan – p. 39	MAKING CLIMATE DATA USEFUL FOR DECISION MAKERS AT THE LOCAL SCALE: THE CASES OF NKAYI DISTRICT IN ZIMBABWE AND THE FREE STATE IN SOUTH AFRICA – Crespo – p. 34	QUANTIFYING WATER USE OF HIGH YIELDING APPLE ORCHARDS – Doko – p. 37	EFFECT OF COLD AND GA3 STRATIFICATION IN SEEDS OF YELLOW KIWIFRUIT, <i>Actinidia chinensis</i> – Sekhukhune – p. 136
11:20 – 11:40	ASSESSING EARLY GROWTH AND NUTRIENT UPTAKE RESPONSES OF MAIZE (<i>Zea mays</i> L.) FOLLOWING THE APPLICATION OF PHOSPHORUS AND NITROGEN SOURCES – Coetzee – p. 31	CLIMATE CHANGE CAN IMPROVE YIELDS AND WATER USE EFFICIENCIES OF POTATO IN SOUTH AFRICA – Franke – p. 49	PLANT WATER STATUS AND SUNBURN IN JAPANESE PLUMS – Makedredza – p. 82	EX VITRO ELIMINATION OF PHYSIOLOGICAL DORMANCY IN SEEDS OF YELLOW KIWIFRUIT, <i>Actinidia chinenses</i> – Maseko – p. 91
11:40 – 12:00	EFFECT OF N AND P NUTRITION ON FRESH MARKETABLE YIELD OF COWPEA (<i>Vigna unguiculata</i> (L.) Walp) INTERCROPPED WITH AMARANTH (<i>Amaranthus cruentus</i> L.) – Mndzebele – p. 103	DYNAMIC NOWCASTING OF DAILY MINIMA CANOPY AND AIR TEMPERATURE – Savage – p. 135	THE QUEST FOR THE BEST MATURITY INDEX FOR AVOKADO – Bertling – p. 21	ETHNO PHARMACOLOGICAL PROPERTIES OF <i>Lobostemon fruticosus</i> (L.) UNDER IRRIGATION – Lodama – p. 77
12:00 – 12:20	RESPONSE OF MAIZE PLANTS DURING EARLY GROWTH TO ZINC FERTILIZATION OF A SANDY SOIL – Wessels – p. 158	WATER PRODUCTIVITY OF TRADITIONAL LEAFY VEGETABLES – Nyathi – p. 121	VALIDATING SAP FLUX DENSITY MEASUREMENT METHODS IN POTTED <i>Citrus sinensis</i> – Banda – p. 20	INFUSION OF SEVEN CARBON SUGARS TO ENHANCE POST-HARVEST QUALITY OF AVOCADO (<i>Persea americana</i> Mill.) FRUIT – Mathe – p. 96
12:20 – 12:40	GROWTH PROMOTION OF <i>Bacillus subtilis</i> ON POTATO IN THE PRESENCE AND ABSENCE OF <i>Pectobacterium carotovorum</i> subsp. <i>brasilensis</i> : A PRELIMINARY STUDY – Taboga – p. 146	WATER USE AND BIOENERGY POTENTIAL OF SUBTROPICAL POACEAE SPECIES AS SECOND GENERATION FIELD CROPS – Cloete – p. 30	THE EFFECT OF SHADE NET ON PHYSIOLOGY, PHENOLOGY, FRUIT PRODUCTION AND QUALITY OF 'Nadorcott' MANDARIN – Ngwamba – p. 115	NON-CHILLING POST-HARVEST PITTING OF VALENCIA ORANGE – Ehlers – p. 42
12:40 – 13:00			INFLUENCE OF SINK-SOURCE ALTERATIONS ON CITRUS (<i>Citrus</i> spp.) FLOWERING – Stander – p. 140	
13:00 – 13:25	LUNCH BOXES			
13:30 – 17:30	SASCP – Santam Research Station Bainsvlei		SSSSA – Glen Agricultural Colledge	

FIFTH CONCURRENT SESSION - Thursday 21 January 2016				
	ALG2	ALG8	AG2	AG3
	Crop Production Prof J Martin Steyn	Crop Protection Dr Maryke Craven	Hort Physiology Dr Nicky Taylor	Soil Physics & Technology Dr Cobus Botha
08:30 – 08:50	THE EFFECT OF PLANT DENSITY ON THE YIELD OF DIFFERENT SOYBEAN (<i>Glycine max</i> L.) CULTIVARS – De Beer – p. 35	DENSITY-DEPENDENT GROWTH PATTERNS OF NEMATODE EGRESS UNDER INCREASING CUCURBITACIN A AND CUCURBITACIN B CONCENTRATIONS; BIOACTIVE INGREDIENTS OF NEMARIOC-AL AND NEMAFRIC-BL PHYTONEMATOCIDES – Dube – p. 40	THE EFFECT OF UNICONAZOL ON GROWTH, PRODUCTION AND QUALITY IN MACADAMIA – Penter – p. 127	THE EFFECT OF ONCE-OFF TILLAGE ON THE SOIL WATER BALANCE OF A SHALE DERIVED SOIL UNDER NO-TILL IN THE SWARTLAND SUB-REGION OF THE WESTERN CAPE – Leygonie – p. 76
08:50 – 09:10	EFFECT OF PLANTING DATE AND GENOTYPE ON FLOWER RETENTION AND POD ABORTION OF CHICKPEA (<i>Cicer arietinum</i>) CROP IN NORTH EASTERN PART OF SOUTH AFRICA – Mubvuma – p. 111	DOSAGE MODEL: MANAGING PHYTOTOXICITY IN PHYTONEMATOCIDES – Mashela – p. 92	EFFECTS OF ESSENTIAL OILS ON BROWN ROT DEVELOPMENT IN ARTIFICIALLY INNOCULATED PEACH FRUIT – Cindi – p. 29	DOES 72 YEARS OF BURNING, MULCHING AND FERTILIZATION AFFECT SOIL PHYSICO-CHEMICAL PROPERTIES IN A LONG-TERM SUGARCANE TRIAL? – Mthimkhulu – p. 110
09:10 – 09:30	MAIZE SEED QUALITY IN RESPONSE TO HAIL DAMAGE AND PLANT DENSITY – Miya – p. 100	EFFICACY OF NEMARIOC-AL, NEMAFRIC-BL AND <i>Penicillium simplicissimum</i> ON <i>Phytophthora cinnamomi</i> – Mamphiswana – p. 88	INFLUENCE OF SEASONAL VARIATION IN NUTRITIONAL STATUS, ROOTING AND ROOT DEVELOPMENT OF HONEYBUSH (<i>Cyclopia genistoides</i>) – Karsen – p. 62	CALIBRATION OF CAPACITANCE SOIL MOISTURE SENSOR FOR COMMERCIAL AGRICULTURE: A DETAILED REPORT ON LABORATORY AND FIELD STUDIES – Zeelie – p. 159
09:30 – 09:50	IMPROVING IRRIGATION WATER AND SOLUTE MANAGEMENT USING SIMPLE TOOLS AND ADAPTIVE LEARNING – Mbakwe – p. 98		PLANT POPULATION ANALYSIS OF THREE SPECIAL TEA (<i>Monsonia burkeana</i>) HABITATS – Nnzeru – p. 117	A DECISION SUPPORT SYSTEM FOR DETERMINING THE SITE-SPECIFIC FITNESS-FOR-USE OF IRRIGATION WATER – Du Plessis – p. 38
09:50 – 10:10	CROP RESPONSE TO IRRIGATION WITH ACIDIC AND NEUTRALIZED, SALINE GOLD-MINE WATER – Madiseng – p. 79		CONTRIBUTION OF <i>Athrixia phylloides</i> (BUSH TEA) TO COEXISTING ROADSIDE PLANT COMMUNITY AT HAENERSTBURG, WITVLAG AND KHALAVHA LIMPOPO PROVINCE OF SOUTH AFRICA – Tshikhudo – p. 152	A COMPARATIVE STUDY OF LASER DIFFRACTION vs. CONVENTIONAL SEDIMENTATION AND SIEVE ANALYSES FOR PARTICLE SIZE MEASUREMENT USING A VARIETY OF SOUTH AFRICAN SOILS – Koch – p. 65
10:10 – 10:30	DEVELOPING A HYDRO-SALINITY IRRIGATION MODEL FOR FOREST TREES PLANTED IN THE UNITED ARAB EMIRATES WHEN USING HYPER-SALINE WATER – Gouws – p. 51		SYMBIOTIC PERFORMANCE OF <i>Psoralea pinnata</i> (L.) GROWN UNDER TWO CONTRASTING HABITATS IN THE CAPE FYNBOS OF SOUTH AFRICA – Karu – p. 61	
10:30 – 10:55	MORNING TEA – Economic and Management Sciences Building Foyer			
SIXTH CONCURRENT SESSION – Thursday 21 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Crop Production Prof JB Ochanda Ogola	Crop Physiology / Quality Dr JB Voster	Hort Breeding / Propagation Prof Puffy Soundy	Hort Nutrition – Post-harvest Dr Isa Bertling
11:00 – 11:20	THE INFLUENCE OF CLIMATE VARIABILITY ON TOMATO YIELD IN THE LIMPOPO PROVINCE (SOUTH AFRICA) – Malherbe / Marais – p. 87	WHEAT SEED QUALITY- DOES POSITION ON THE HEAD MATTER? – Modi – p. 104	FACTORS AFFECTING SURVIVAL OF WILD POPULATIONS OF <i>WARBURGIA SALUTARIS</i> : STRATEGIES FOR PROPAGATION AND CONSERVATION – Hannweg – p. 53	MACADAMIA GROWTH, YIELD AND QUALITY RESPONSE TO REDUCED WATER USE IN A SUBTROPICAL CLIMATE – Murovhi – p. 112
11:20 – 11:40	EVALUATION OF LETTUCE CULTIVARS FOR OFF-SEASON PRODUCTION IN THE LIMPOPO REGION OF SOUTH AFRICA – Mogalia – p. 106	SOYBEAN NODULE RECOVERY FOLLOWING WATER DEFICIT CONDITIONS – Cilliers – p. 28	CROSS-ABILITY AMONG <i>Lachenalia</i> SPECIES AND HOW IT INFLUENCE FUTURE BREEDING STRATEGIES – Kleynhans – p. 64	THE EFFECT OF THREE DIFFERENT NITROGEN SOURCES, APPLIED IN DIFFERENT COMBINATIONS, ON SOIL ACIDIFICATION AND YIELD OF QUEEN PINEAPPLE, <i>Ananas comosus</i> (L.) MERR. – Rabie – p. 129
11:40 – 12:00	BIORESOURCE (BR) PROGRAM AS A CROP PRODUCTION EXTENSION TOOL IN THE NQUTHU COMMUNAL FARMING AREA, KWAZULU-NATAL PROVINCE, SOUTH AFRICA – Hlatshwayo – p. 54	DROUGHT TOLERANCE OF SELECTED NEGLECTED AND UNDERUTILISED CROPS FROM SOUTH AFRICA – Mabhaudhi – p. 78	VEGETATIVE PROPAGATION OF <i>Bulbine latifolia</i> var. <i>latifolia</i> – Malele – p. 86	MODELLING TRANSPIRATION OF CITRUS ORCHARDS – Taylor – p. 147
12:00 – 12:20	CROP-LIVESTOCK INTEGRATION IN SMALLHOLDER FARMING SYSTEMS: A CASE STUDY FROM SUB-HUMID ZIMBABWE – Mkuhlani – p. 101	INFLUENCE OF PHOTO-SELECTIVE NETTINGS ON POSTHARVEST QUALITY AND BIOACTIVE COMPOUNDS OF CORIANDER (<i>Coriandrum sativum</i> L.) – Buthelezi – p. 25	EFFECT OF SEED COLOUR VARIATION ON CHICORY (<i>Chicorium intybus</i> L. var. <i>sativum</i> Biscoff) SEED QUALITY WITH RESPECT TO GERMINATION AND VIGOUR – Manyoni – p. 90	COMBINED EFFECT OF EFFECTIVE MICROORGANISMS AND KELPAK ON GROWTH AND YIELD OF BEETROOT – Satekge – p.133
12:20 – 12:40	COST BENEFIT ANALYSIS OF MUNICIPAL SLUDGE AS LOW-GRADE NUTRIENT SOURCE: A CASE STUDY FROM SOUTH AFRICA – Ogbazghi – p. 123	EFFECT OF SPECTRAL LIGHT QUALITY UNDER THE PHOTO-SELECTIVE SHADE NETS ON LETTUCE PHYTOCHEMICALS AT HARVEST AND AFTER POST HARVEST STORAGE – Ntsoane – p. 120	SECONDARY TREE FRUIT GENE-BANKS: ARE THEY IMPORTANT? – North – p. 118	HARVEST AND POST-HARVEST FACOTRS INFLUENCING INTERNAL BROWNING AND FRUIT QUALITY OF 'Rosy Glow' APPLES – Doe – p. 36
12:40 – 13:40	LUNCH – CENTENARY COMPLEX			

SEVENTH CONCURRENT SESSION - Thursday 21 January 2016				
Time	ALG2	ALG8	AG2	AG3
	Hort Physiology / Protection	Crop Breeding	Soil Fertility	Hort Production / Biotechnology
	Prof Karen I Theron	Dr Sanesh Ramburan	Dr Rianto van Antwerpen	Mrs Karin Hannweg
13:40 – 14:00	RESPIRATION RATE DYNAMICS OF APPLE BUDS EXPOSED TO CHEMICAL REST BREAKING AGENTS AND INSUFFICIENT WINTER CHILL – Inamahoro / Louw – p. 57	COMBINING ABILITY OF ARC, CIMMYT AND IITA MAIZE (<i>Zea mays</i> L.) INBRED LINES FOR GRAIN YIELD UNDER LOW NITROGEN STRESS – Makhumbila – p. 83	THE EVALUATION OF CONTROLLED RELEASE UREA VERSUS CONVENTIONAL UREA ON SORGHUM IN A POT TRAIL – Esterhuizen – p. 44	THE EFFECT OF TEMPERATURE ON SEED GERMINATION AND EMERGENCE OF THREE <i>Eucomis</i> SPECIES – Makena – p. 81
14:00 – 14:20	EFFECT OF ACID MINE WATER AND <i>Bacillus subtilis</i> ON GROWTH AND YIELD OF POTATO – Kanu – p. 60	ASSESSMENT OF GENETIC DIVERSITY AMONG SELECTED SOUTH AFRICAN SORGHUM GENOTYPES FOR PROTEIN CONTENT AND AMINO ACID COMPOSITION – Motokeng – p. 105	PHOSPHORUS MINERALISATION, AVAILABILITY AND DYNAMICS OF DIFFERENT FRACTIONS DURING PHOSPHO-COMPOST PRODUCTION – Kutu – p. 68	MOLECULAR IDENTIFICATION OF CULTIVARS IN <i>Carya illinoensis</i> [(Wangenh) K. Koch] – Allen – p. 17
14:20 – 14:40	USING CARD MODEL TO GENERATE NONPHYTOTOXIC CONCENTRATION OF NEMARIOCAL PHTONEMATICIDE ON AFRICAN GERANIUM (<i>Pelargonium sidoides</i>) – Sithole – p. 139	ON-FARM PERFORMANCE OF ARC SWEET POTATO CULTIVARS RELEASED FOR THE INFORMAL MARKET – Laurie – p. 72	SOIL HEALTH, YIELD AND FRUIT SIZE DISTRIBUTION OF AVOCADO AS INFLUENCED BY DIFFERENT COMPOST APPLICATION RATES – Mohale – p. 107	INLUENCE OF HYDROXYLATED BENZYLADENINE AND ITS DERIVATIVES IN MICROPROPAGATION OF HORTICULTURAL AND NEDICINAL PLANTS – Amoo – p. 19
14:40 – 15:00	NON-PHYTOTOXICITY OF NEMARIOCAL AND NEMAFRIC-BL PHYTONEMATICIDES ON VOLKAMERIANA CITRUS ROOTSTOCK – Mathabatha – p. 93	EX VITRO DORMANCY ELIMINATION AND IN VITRO PROPAGATION OF <i>Cucumis myriocarpus</i> INDIGENOUS TO SOUTH AFRICA – Maila – p. 80	GRAIN YIELD AND WATER USE EFFICIENCY OF RAINFED SUNFLOWER UNDER DIFFERENT SOURCES OF ORGNIC MANURE – Mokgolo – p. 108	CLIMATE CHANGE RELATED IMPACT ON AGRICULTURAL PRODUCTION: A CASE STUDY ON CITRUS IN THE SOUTH AFRICAN REGION – Bijzet -p. 23
15:00 – 15:20	POTANETIAL APPLICATION OF MEDICINAL PLANT EXTRACTS AS ANTIFUNGAL AGENTS AGAINST PLANT PATHOGENS – Satheke – p. 134		MUNICIPAL SLUDGE AS LOW GRADE FERTILIZER FOR MAIZE PRODUCTION IN SOUTH AFRICA: CROP YIELD, NITROGEN AND PHOSPHORUS BALANCES – Tesfamariam – p. 149	
15:20 – 15:40	EFFICACY OF DIFFERENT PLANT EXTRACTS AGAINST ROOT-KNOT NEMATODES (<i>M. javanica</i>) – Malatji – p. 85			
15:40 – 16:00	AFTERNOON TEA – Economic and Management Sciences Building Foyer			
	ANNUAL GENERAL MEETING			
16:00 – 17:30	SASCP – ALG2	SSSSA – ALG8	SASHS – AG2	SASWS – AG3
19:00 – Late	GALA DINNER – CENTENARY COMPLEX			