

Day 1 Monday 28th January 2019			
08:00 – 09:00	Registration		
	Venue BHP 138		
09:00 – 09:15	Welcome Address by the SAIEE President Dr Hendri Geldenhuys		
09:15 – 09:20	Address by the General Chair Prof. Kanzumba Kusakana		
09:20 – 09:50	Keynote Speech “ T B A”		
09:50 – 10:20	Keynote Speech by Mr. Cobus Vermeulen from Karah Assets		
10:20 – 10:35	Presentation “How to run the world without consuming the earth – As the population of the Earth is expected to reach 9bn people by 2050, how will we manage the energy, water, food and transport needs of humanity in a sustainable manner” by Mr. Stuart Michie		
10:35 – 11:00	Coffee break		
	Sessions		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
	Sensors & applications Session chair: Dr. Riaan Stopforth	Computer vision and image processing 1 Session chair: Dr. Garry Morrison	Transmission, Distribution and Reticulation Networks Session chair: Dr. Patrick Manditereza
11:00 – 12:30	3 Riaan Stopforth and Shaniel Davrajh Contactless Yagi-Patch Electrodes for Electroencephalogram (EEG) headsets, to be used for Robotic Applications	17. Mkhusele Ngxande, Jules-Raymond Tapamo and Michael Burke DepthwiseGANs: Fast Training Generative Adversarial Networks for Realistic Image Synthesis	165. Masimula Jabulani and Awodele Kehinde. Optimal Distribution Automation Devices Placement for Reliability Improvement of a Real Distribution Network with Sub-Feeders Considering Customer Interruption Cost
	114 Gareth Hoskins, Jared Padayachee and Glen Bright Human-Robot Interaction Safety: Research and Design of a Human Proximity Sensory System Utilizing a Mobile Phone Application to Convey Data to an I/O Robotic Controller	31 Dhruv Bhugwan, Pravesh Ranchod, Richard Klein and Benjamin Rosman A comparison between fully connected and deconvolutional layers for road segmentation from satellite imagery	98. Cornelius Jacobus Van der Merwe, Patrick Manditereza and Pierre Hertzog. Design and Simulation of a Direct Current Distribution System
	116 Shane Schoonveldt and Ben Kotze Detection and analysis of low frequency vibrations to determine their sources in a water medium	40Gene Stoltz Image Stitching for Usage in Photogrammetric Algorithms	177. Gavin Strelec. Overhead Line Tower Steel Member Theft Mitigation
	183 Molefi Makhetha, Elisha Markus and Adnan Abu-Mahfouz Wireless Power Transfer for LoRa Low-Power wide-area Networks (LPWANs)	54 Gbeminiyi Ajayi and Zenghui Wang MULTI-CLASS WEATHER CLASSIFICATION FROM STILL IMAGE USING SAID ENSEMBLE METHOD	145. Neelesh Ramseebaluck and Kehinde Awodele. Development, Testing and Comparison of Smart Fault Location Algorithms for Smart Transmission Grids
	72 Ian Jannasch and Deon Sabatta Design and construction of a self-levelling tricopter using gain scheduling and PID controllers	57 Dumisani Kunene and Vusi Skosana Enhancing edge-based image descriptor models through colour unification	5. Katleho Moloi and Adedayo Ademola Yusuff. A Support Vector Machine Based Fault Diagnostic Technique In Power Distribution Networks
12:30 – 14:00	Lunch		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
		Protection and System Automation Session chair:	Quality of Supply, Reliability and Condition Monitoring Session chair: Dr. Agha Francis Nnachi

14:00 – 15:30	Workshop Opal RT	50. Tumiso Ledwaba, Karabo Senyane and John Van Coller. HARDWARE-IN-LOOP TESTING OF A DIFFERENTIAL RELAY USED TO PROTECT SINGLE/DOUBLE CIRCUIT TRANSMISSION LINE	179. Sailen Nair, William Becerra Gonzalez and James Braid. Battery Monitoring and Energy Forecasting for an Off-Grid Solar Photovoltaic Installation
		123. Dewald Diedericks, George van Schoor and Eugén Ranft. Cathodic Protection System Design Framework	15. Rianta Bhugwandeem and Akshay Kumar Saha. Improving Reliability on Distribution Systems Using BPSO for Device Placement
		44. Adeniyi Onaolapo and Kayode Akindeji. Application of Artificial Neural Network for Fault Recognition and Classification in Distribution Network	85. Talent Tafadzwa Munwira, Sizwe Mkhonta, David T. Oyedokun, Komla A. Folly and C. T. Gaunt. THREE-PHASE FIVE-LIMB TRANSFORMER HARMONIC ANALYSIS UNDER DC-BIAS
		149. Ntuba Nkhasi and Akshay Saha. Protection Coordination And Anti-Islanding Control Of Grid-Connected PV Systems	181. Thuthukani Goodwill Maduna, Agha Francis Nnachi, Aloys Oriedi Akumu and Bolanle Tolulope Abe. Comparative analysis of life estimation and reliability of power transformers
		67. Fundiswa Mthethwa and John Van Coller. Auto-Restoration back-feeding using an Automated Normally Open (N/O) point on Medium Voltage (MV) Networks for the functionality of the Fault Location, Isolation and Service Restoration (FLISR)	8. Nkululeko Motlanthe and Lutendo Muremi. Application of static var compensators with harmonic filters in the heavy industry
15:30 – 16:00	Coffee Break		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
16:00 – 17h30	High Voltage Engineering Session chair: Prof. Kanzumba Kusakana	Electrical Machines and Drives Session chair: Prof. Rong-Jie Wang	Power Electronics Session chair: Bernard Tonderay Mangara
	35. Stiaan Gerber and Rong-Jie Wang. Reduction of Inverter-Induced Shaft Voltages Using Electrostatic Shielding	16. Albert Sorgdrager, Rong-Jie Wang and Andre Grobler. Robust Torque Ripple Mitigation of a Line-Start PMSM by Means of the Taguchi Method	104. Kyle Steyn and Johan Beukes. Voltage regulation for rural microgrid stabilization using bidirectional AC-AC switch-mode converters
	46. Filipe Fernandes, John Van Coller and Nishal Mahatho. A Case for Optical Pollution Monitoring of Bushings	38. Thamsanqa Masuku, Rong-Jie Wang, Marne Botha and Stiaan Gerber. Design Strategy of Traction Induction Motors	106. Mohammed Dangor, Muhammed Aswat and Willie Cronje. Flyback Converter Controlled by Model-Based Current MPPT for a Photovoltaic Power System
	87. Elliot Sithole Sithole, Aloys Oriedi Akumu and George Kimani Irungu. Effects of insulation barrier board on power transformer PD detection using acoustics	103. Ahmad A. Salah and David Dorrell. Operating Induction Machine in DFIG Mode Including Rotor Asymmetry	130. Macyln Chingwena and Toit Mouton. A Multilevel Cascaded Converter for a Battery Energy Storage System
	14. Benard Makaa, George Irungu and David Murage. Electrical and Physicochemical Properties of Persea Americana Oil as an Alternative Transformer Insulation Oil	147. Lesedi Masisi. Comparison Between A Three and Two Level Inverter Variable Flux Machine Drives For Traction Applications	94. Peter Gbadega and Akshay Saha. The Impacts of Harmonics Reduction on THD Analysis in HVDC Transmission System using Three-phase Multi-Pulse and higher Level Converters.
	51. Gomotso Phokojoe and John Van Coller. Identification of Vibration Sparking in a Large Hydrogen-Cooled Generator Winding	86. Mancoba Senzangakhona Thwala, Agha Francis Nnachi, Katleho Moloi and Aloys Oriedi Akumu. The Effect of A Phase Shift Transformer For Power Flow Control	138. Tino Kanda, Lethiwe Mdakane, Casper Labuschagne and Maarten Kamper. Dynamics of Maximum Power Point Wind Energy Battery Charging Systems
18:00 -	Cocktail: Venue Library Information Centre 2 nd floor		

Day 2 Tuesday 29th January 2019

08:00 – 09:00	Registration		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
09:00 – 10:30	AI, Navigation and vision Session chair: Dr. Elisha Markus	Computer vision and image processing 1; Speech synthesis Session chair:	Renewable energy Session chair: Dr. Temitope Ayodele
	42 Belinda Matebese, Daniel Withey and Mapundi K. Banda Optimal Paths for a Mobile Manipulator using the Leapfrog Method	61 Nicolene Botha, Gert Wessels, Natasha Botha and Beatrice van Eden Image processing towards the automated identification of nanoparticles in SEM images	156. Chantelle Janse van Vuuren and Hendrik J Vermeulen. Clustered Wind Resource Domains for the South African Renewable Energy Development Zones
	84 Ndivhuwo Makondo and Benjamin Rosman Towards improving incremental learning of manipulator kinematics with inter-robot knowledge transfer	110 Lisungu Oteko Tresor and Sumbwanyambe Mbuyu Image Compression-Encryption Scheme Based on 2D DWT, SPIHT and Qi Hyper-chaos	4. Temitope Ayodele, Richard Olarewaju and Josiah Munda. Comparison of Different Wind Speed Prediction Models for Wind Power Application
	164 Beatrice van Eden and Benjamin Rosman An overview of robot vision	121 Afolabi Oluwatobi, Fulufohelu Nelwamondo and Gugulethu Mabuza-Hocquet Segmentation of Optic Cup and Disc for Diagnosis of Glaucoma on Retinal Fundus Images	43. Peter Gbadega and Akshay Saha. Effects and Performance Indicators Evaluation of PV Array Topologies on PV Systems Operation Under Partial Shading Conditions.
	37 Nicol Naidoo, Glen Bright and Riaan Stopforth A Distributed Framework for Programming the Artificial Intelligence of Mobile Robots in Smart Manufacturing Systems	122 Dehan Smulders, Kenneth Uren, George van Schoor, Corné van Daalen and Japie Engelbrecht CREAK descriptor evaluation for visual odometry	44. Peter Gbadega and Akshay Saha. Electrical Characteristics Improvement of Photovoltaic Modules Using Two-Diode Model and its Application Under Mismatch Conditions.
	36 Wimpe van der Merwe, Pierre Hertzog and Arthur Swart Propagation Delays and Data Integrity of Cellular and WiFi Networks from IOT devices to cloud storage	39 Jaco Badenhorst, Laura Martinus and Febe de Wet BLSTM harvesting of auxiliary NCHLT speech data	182. Qin Chen and Komla Folly. EFFECT OF INPUT FEATURE ON THE PERFORMANCE OF THE ANN-BASED WIND POWER FORECASTING
10:30 – 11:00	Coffee break		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
	Modeling, Robotics, automation and control Session chair: Nicolaas Luwes	Machine learning and End-user applications Session chair: Prof. Ken J. Nixon	Transmission, Distribution and Reticulation Networks Session chair:
	7 Akshay Singh, Dr. Jared Padayachee and Prof. Glen Bright JOINT STIFFNESS AND LINK DEFLECTION IDENTIFICATION OF SERIAL ROBOTIC MANIPULATORS AND END-EFFECTORS	105 Lisungu Oteko Tresor, Mampaka Maluambanzila Minerve and Sumbwanyambe Mbuyu An Objective MOS Prediction Approach Based on the Nb Interface Parameters	64. Katleho Moloi and Aloys Oriedi Akumu. A Fault Detection and Localization Method In a Power Distribution Network Based on Machine Learning Technique
	9 Lanre Daniyan, Ilesanmi Daniyan, Khumbulani Mpofu and Boitumelu Ramatsese Development and Performance Evaluation of Automated Irrigation System	176 Ken Nixon, Timothy McBride and Nabeel Vandayar A comparison of skin detection algorithms for hand gesture recognition	144. Lewis Waswa and Bernard Bekker. Estimating Installed PV SSEGs on an LV Feeder using Aggregated Load Demand Data

11:00 – 12:30	55 James Hepworth and Hendrik Mouton Systems Development of a Two-Axis Stabilised Platform to Facilitate Astronomical Observations from a Moving Base	178 Nabeel Vandayar, Timothy Mc Bride and Ken Nixon LOW COST HAND GESTURE RECOGNITION SYSTEM DESIGN AND IMPLEMENTATION	60. Ikaneng Raphoolo and Jan de Kock. Dynamic load-shedding for enhancement of power system stability for the Lesotho 132 kV transmission network
	75 Samuel Ogunniyi, Dan Withey and Stephen Marais Marais Using Gaussian Process Regression for the interpolation of missing 2.5D environment modelling data	56 Tumisho Billson Mokgonyane, Tshepiso Joseph Sefara, Thihe Isaiah Modipa, Mercy Mosibudi Mogale, Madimetja Jonas Manamela and Phuti John Manamela Automatic Speaker Recognition System based on Machine Learning Algorithms	59. Nosi Mpelo and Pierre Hertzog. An Investigation into the Effect of aging components on the Medium Voltage network configurations in the Semi-Urban Areas
	148 Gareth A. Gericke and Nicolaas Luwes Solar Irradiance Model for the South African Solar Challenge	74 Ashentha Naidoo and Mohohlo Tšoeu Evaluating Open-source Toolkits for Automatic Speech Recognition of South African Languages	65. Alaba Ojo, Kehinde Awodele and Adoniya Sebitosi. LOAD COMPENSATION IN A THREE-PHASE FOUR WIRE DISTRIBUTION SYSTEM CONSIDERING UNBALANCE, NEUTRAL CURRENT AND POWER FACTOR IMPROVEMENT
12:30 – 14:00	Lunch		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
14:00 – 15:30	Classifiers and related topics; Natural language processing Session chair:	Protection and System Automation Session chair:	High Voltage Engineering Session chair:
	124 Peter Olukanmi, Fulufhelo Nelwamondo and Tshilidzi Marwala Performance evaluation of sampling-based large-scale clustering algorithms	128. Katleho Moloi, Jaco Andries Jordaan and Yskandar Hamam. A hybrid method for high impedance fault classification and detection	79. Eddie Singh and Innocent Davidson. Utilisation of Line Surge Arrestors to Improve Overhead EHV AC Line Performance under Lightning Conditions
	125 Peter Olukanmi, Fulufhelo Nelwamondo and Tshilidzi Marwala PAM-lite: fast and accurate k-medoids clustering for massive datasets	140. Ramazani Bushidi and Kehinde Awodele. IEC61850 STANDARD-BASED BUSBAR PROTECTION	117. Jules Simplicie Djeumen, Jeremiah Jesaja Walker and Nicholas John West. A Study of Spatial distribution of the Electric Field under the Influence of Temperature with DC Supply
	78 Lulamile Mzamo, Albert Helberg and Sonja Bosch Towards an unsupervised morphological segmenter for isiXhosa	142. Rosamunde Shilongo and Kehinde Awodele. Impact of distributed generation (DG) on the protection system of a network using DlgSILENT power factory.	139. Tapiwa Venge and Cuthbert Nyamupangedengu. Influence of Variable Frequency of the Applied Voltage on Cavity Partial Discharge Parameters: A Critical Review
	159 Linda Khumalo, Georg Schlunz and Quentin Williams The effect of word embeddings and domain specific long-range contextual information on a Recurrent Neural Network Language Model	137. Pitambar Jankee and Kehinde Awodele. DESIGN OF AN IEC61850 BASED SUBSTATION AUTOMATION AND PROTECTION PANEL	115. Isaac Kwabena Kyere, Jerry Walker and Cuthbert Nyamupangedengu. Simulation of Electric Field Effects in High Voltage Insulation Material containing voids
		53. Nikhil Ganas and Kayode Akindeji. Analysis and Redesign of Protection System for a Sugar Company	127. Adewumi Olujana Adeniyi, Jerry Walker and Cuthbert Nyamupangedengu. Influence of temperature on tan-delta of XLPE cables
15:30 – 16:00	Coffee Break		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
	Smart Grids and Microgrids Session chair: Dr. Oliver Dzobo	Electrical Machines and Drives Session chair: Dr. Sandile Philip Koko	Quality of Supply, Reliability and Condition Monitoring

16:00 – 17h30		Session chair:	
	161. Oliver Dzobo. Virtual power plant energy optimisation in smart grids	52. Stavros Pastellides, Stiaan Gerber and Rong-Jie Wang. Design Strategy and Comparison of Four PM Motor Topologies for a 2 kW Traction Application	129. Nondumiso Ngcobo, Kehinde Awodele and Adoniya Sebitosi. Load Compensation For Network Improvement Performance Improvement Considering Harmonics, Unbalance and Reactive Power
	70. Elutunji Buraimoh and Innocent Davidson. Comparative Analysis of the Fault Ride-Through Capabilities of the VSG Methods of Microgrid Inverter Control under Faults	27. Vonani Clive Mathebula and Akshay Kumar Saha. Development of in-phase bus transfer scheme using Matlab Simulink	136. Malusi Sibiya and Mbuyu Sumbwanyambe. An Embedded Fuzzy Logic Microcontroller For plant condition monitoring: A Wirelesless Sensor Network Odyssey
	71. Ismaheel Oladejo and Komla Folly. Energy Management of Grid-Connected Micro-grid Using Game Theory Approach.	102. Eveline Makhetha, Mbika Muteba and Dan Valentin Nicolae. Effect of Rotor bar Shape and Stator Slot Opening on the Performance of Three Phase Squirrel Cage Induction Motors with Broken Rotor Bars	34. Renaldo Strydom and Pierre Hertzog. Recloser placement on medium voltage distribution networks
	158. Dj de Waal and Bernard Bekker. A review of contextual frameworks relevant to energy storage on the South African grid	32. Vonani Clive Mathebula and Akshay Kumar Saha. Coal fired power plant in-phase bus transfer simulation of forced and induced draught fan motors	160. Farzad Ghayoor. Study the Topology Effect on a G3-PLC based AMI Network
171. Christopher Africa, Udochukwu Akuru and Maarten Kamper. Bringing Back the Synchronous Compensator for the South Africa Power Network – Simulation and Compensator Technology	97. Mbali Mayisela and David Dorrell. Application of Reliability-Centred Maintenance for DC Traction Motors - A Review	173. David Scheepers and Johan Beukes. Monitoring of the service cable PEN conductor to assure bonding using a smart split meter	
19:00 -	Gala dinner: Venue Library information centre 2 nd floor		
Day 3 Wednesday 30th January 2019			
08:00 – 09:00	Registration		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
	Transmission, Distribution and Reticulation Networks Session chair:	Renewable Energy and power generation Session chair: Prof. Daniel Chowdhury	Smart Grids and Microgrids Session chair: Dr. Atanda Raji
09:00 – 10:30	120. Jamila Kombe, T. M. Bengani and David Dorrell. Improved Voltage and Dynamic Performance of Transmission Power Networks Using Distributed Superconducting Magnetic Energy Storage Systems	188. Raymond Kene, Daniel Chowdhury and Thomas Olwal. Application of Artificial Intelligence Technique in Predicting 7-Days Solar Photovoltaic Electrical Power	126. Carel Landman and Arnold Johan Rix. Performance Prediction for an Electric Vehicle.
	112. Babatunde Adewolu and Akshay Saha. Determination and Analyses of Available Transfer Capability: Deregulated and Restructured Power Systems Perspective	187. Mpho Lencwe and Daniel Chowdhury. Deployment of renewable energy generation in a typical rural village : A Case Study	91. Kabulo Loji, Innocent Davidson and Remy Tiako. Voltage Profile and Power Losses Analysis on a Modified IEEE 9-Bus System with PV Penetration at the Distribution Ends
	135. Jeff Watitwa and Kehinde Awodele. A REVIEW OF ACTIVE DISTRIBUTION SYSTEM STATE ESTIMATION	49. Ian Reischauer and Arnold Rix. Characterising the influence of mismatch on system performance Using a multi-module capacitive IV curve tracer	150. Doudou Luta and Atanda Raji. Energy management system for a hybrid hydrogen fuel cell-supercapacitor in an islanded microgrid
	111. Mohammed Zaahid Gaffoor, Alan Lawrence Leigh Jarvis and Jonathan Calvin Archer. Effect of Graphene Oxide Doping on Bulk High Temperature Superconductors For Power Applications	119. Zesizwe Ncane and Akshay Saha. Forecasting Solar Power Generation Using Fuzzy Logic and Artificial Neural Network	24. Francisca Daniel and Arnold Rix. Optimising the Design of a Hybrid Power Supply Using a Genetic Algorithm
73. Chaniel Precious Allesing, John Van Coller and Hannes Kruger. Simulation-based analysis of the anti-islanding requirement specified within the Grid Connection Code for Renewable Power Plant (GCCRPP)	163. Olufunmilayo Alice Mafimidiwo and Akshay Kumar Saha. Concentrated Thermal Photovoltaic Power Generation Improvement Through the Use of Three-Dimensional Technology	101. Jabulani Mhlanga and Oliver Dzobo. Standalone hybrid energy system model and control for economic load dispatch	

10:30 – 11:00	Coffee break		
	Venue BHP 138	Venue BHP 136	Venue BHP 159
	Smart Grids, Microgrids and Power Generation Session chair: Ms. Lindiwe Bokopane	Power Engineering, UAV & education Session chair: Dr. Ben Kotze	HVDC Session chair: David Dorrell
11:00 – 12:30	107. Muhammed Aswat, Mohammed Dangor and Willie Cronje. A Standalone Personal Consumer Grid For Rural Household Electrification	170. Therasinamurthie Govender and Innocent Davidson. A Review of Current Trends in Artisan Development and Training: An analysis of the Apprentice, Learnership and ARPL trade test results of candidates tested at TEK-MATION Training Institute	90. Oluwafemi Oni, Andrew Swanson and Rudiren Pillay Carpanen. Small Signal Stability Analysis of a four Machine System with Strategic Placement of Monopolar LCC-HVDC link
	134. Pieter Oberholzer, Kenny Uren, George van Schoor and Willem van Niekerk. Comparative study of steam vs hot water as primary heat transfer medium for a laboratory scale two-tank heated system	168. Innocent Davidson. The HEPSSA Project – A Catalyst for Capacity Building at Durban University of Technology	29. Ryan Lobban and David Dorrell. Modelling of a MMC HVDC Link between Koeberg Power Station and Cape Town - Experiences in simulation
	11. Ntombizotwa Memane, Josiah Munda, Olawale Popoola and Yaskandar Hamam. An Improved Load shedding technique for optimal location and profitability for contingency conditions	Bernard Tonderayi Mangara. Class attendance and performance of undergraduate electronic engineering students: exploring the effects of gender	109. Herry Sibanyoni, Jerry Walker and Jules Djeumen. Sensitivity of the Electrical and UV imaging methods for Corona Detection Under HVDC Application
	62. Jobert Louw and A.J. Rix. Irradiance modelling of bi-facial PV modules using the ray tracing technique.	10 Christian Basson, Sahil Hansraj, Riaan Stopforth, Paul Mooney, Russel Phillips, Theo van Niekerk and Karl du Preez A Review of Collaborated Educational Drone Development and Design at the BRICS 2018 Future Skills Challenge	175. Matimba Mathebula, Nishanth Parus, Nishal Mahatho, Gavin Strelec and Freddy Duiker. Pollution Monitoring for HVDC Transmission
	153. Kgomotso Ramabetha and Kehinde Awodele. DESIGN AND IMPLEMENTATION OF A LOW-COST PREPAID SMART METER SYSTEM WITH REMOTE LOAD CONTROL CAPABILITIES USING BLYNK APPLICATION.	28 Christian Basson, Wesley Dharmalingum, Clydene Reddy, Akshay Singh and Riaan Stopforth Gamification and Game Development for Educational Agile Operations Management in Robotics Research	174. Agha Francis Nnachi and Josiah Lange Munda. Power Tapping from HVDC Link: Utilization of Tap Point Information and Voltage Margin to Ascertain Proximity to Voltage Collapse
	30. Wayne Dymond and Arnold Rix. Detecting Anomalous Events for a Grid Connected PV Power Plant Using Sensor Data	132 Floris Niehaus, Ben Kotze and Adam Marais Facilitation by using Robotics Teaching and Learning	108. Ereola Aladesanmi and David Dorrell. Investigation and Assessment of the Impacts of Reverse Power Flow on Power System Network Loading under High Penetration of Wind Energy
12:30 – 13:00	Lunch		
	Tertiary Education Support Programme (TESP) report-back meeting Venue BHP 136		
13:00 – 13h15	Opening and Welcome Chairperson: Logan Pillay, Eskom		
13:15 – 13h45	TESP Presentation		
13:45 – 14h15	Format for Parallel Sessions		
14:15 – 15:30	Parallel Sessions Breakaway Venue BHP 138	Parallel Sessions Breakaway Venue BHP 161	Parallel Sessions Breakaway Venue BHP 159
15:30 – 16:00	Coffee Break		
16:00 – 17:20	Feedback Sessions		
17:20 – 17:30	Close and Way forward		

GPS coordinates:

Venue



Parking

