



The human being in the  
21st century in the context  
of global changes

23-24 May | Future Africa Campus | University of Pretoria

# CONFERENCE PROGRAMME

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## PRE-CONFERENCE EVENTS

1. **ACADEMIC STUDY TOUR | 21 - 22 MAY 2019**  
| Western Cape / Gauteng

2. **MEET AND GREET COCKTAIL RECEPTION**  
| 22 MAY 2019 | Time: 18:00 – 19:30  
| Arrivals from 17:30 | Venue: Future Africa Campus

Hosted by the University of Pretoria

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## CONFERENCE DAY 1

THURSDAY, 23 MAY 2019 | Time: 09:00 – 17:45 | Venue: Main Auditorium, Future Africa Campus

### SESSION 1: WELCOME AND GUEST ADDRESSES

**Session Chair:** Prof Ahmed Bawa [*CEO, Universities South Africa (USAf)*]  
Venue: Future Africa - Main Auditorium

TIME	DESCRIPTION
08:00-09:00	REGISTRATION
09:00-10:00	Welcome and opening remarks
Inputs: 10 minutes each	<p><b>Presenters:</b> Prof Tawana Kupe [<i>Vice-Chancellor and Principal, University of Pretoria (UP)</i>] Prof Jun Matsukuma [<i>Deputy Vice-Chancellor, Tokyo University of Foreign Studies (TUFS)</i>]</p> <p><b>The importance of international scientific collaboration</b> Dr Daniel Adams [<i>Acting Director-General, Department of Science and Technology (DST)</i>]</p> <p><b>The importance of SAJU in Japan – South Africa Relations</b> His Excellency, Ambassador Norio Maruyama [<i>Ambassador of Japan to South Africa</i>]</p> <p><b>The importance of International STI (Science, Technology and Innovation) Collaboration for the SDGs (Sustainable Development Goals)</b> Ms Mutsuko Yasuda [<i>Director for International Cooperation, Ministry of Education, Culture, Sports, Science and Technology (MEXT)</i>]</p> <p><b>The importance of constructing global academic partnerships</b> Mr Mahlubi Mabizela [<i>Chief Director, Department of Higher Education and Training (DHET)</i>]</p>

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**CONFERENCE GROUP PHOTO** (Venue: Main Auditorium)  
**GUEST SPEAKERS GROUP PHOTO** (Venue: Front of Main Auditorium)

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TIME	DESCRIPTION
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10:00-10:30	<b>COFFEE/TEA BREAK</b> <i>Presenters to set-up posters in the Research Commons Ground Floor</i>
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### SESSION 2: OVERVIEW

**Session Chair:** Prof Francis Petersen [*Vice-Chancellor, University of the Free State (UFS)*]  
*Venue: Future Africa – Main Auditorium*

10:30-12:00	<p><b>Key areas of health and wellness research</b>            Dr Niresh Bhagwandin [<i>Executive Manager: Strategic Research Initiatives, South African Medical Research Council (SAMRC)</i>]            Prof Noboru Minakawa [<i>Nagasaki University</i>]</p> <p><b>Key areas of human security and social justice research</b>            Dr René Smith [<i>Durban University of Technology (DUT), President of the South African Humanities Deans’ Association (SAHUDA)</i>]            Prof Shuhei Shimada [<i>Nagoya University of Foreign Studies</i>]</p> <p><b>Key areas in growth exploration and conservation</b>            Prof Zebulon Vilakazi [<i>Deputy Vice-Chancellor Research, University of the Witwatersrand (WITS)</i>]            Dr Takahiro Fukunishi [<i>Institute of Developing Economies-Japan External Trade Organisation (IDE-JETRO)</i>]</p>
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12:00 – 12:45	<b>LUNCH</b> <i>Venue: Future Africa Dining Hall</i>
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### SESSION 3: PARALLEL THEMATIC PRESENTATIONS

**Session Chairs:** Members of the Academic Committee  
*Refer to Annexure 1 for a detailed programme of the parallel sessions.*

12:45-14:30	<p><b>HEALTH AND WELLNESS</b>  <b>Parallel Thematic Session 1</b>  <i>Venue: Conference Room 2 (Garden Room)</i></p> <p><b>Japan Chairs:</b>            Dr Yoshinori Ikenaka [<i>Hokkaido University</i>]            Prof Kazuhiro Yoshida [<i>Hiroshima University</i>]</p> <p><b>South Africa Chair:</b>            Prof Lionel Green-Thompson [<i>Sefako Makgatho Health Sciences University (SMU)</i>]</p> <p><b>SECURITY AND SOCIAL JUSTICE</b>  <b>Parallel Thematic Session 2</b>  <i>Venue: Main Auditorium</i></p> <p><b>Japan Chairs:</b>            Prof Shuhei Shimada [<i>Nagoya University of Foreign Studies</i>]            Prof Takahiro Morio [<i>Tsukuba University</i>]</p> <p><b>South Africa Chairs:</b>            Prof Maxi Schoeman [<i>University of Pretoria</i>]            Prof Vasu Reddy [<i>University of Pretoria</i>]</p>
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TIME	DESCRIPTION	
12:45-14:30 (continued)	<b>GROWTH EXPLORATION AND CONSERVATION</b> Parallel Thematic Session 3 Venue: Research Commons First Floor	
	<b>Japan Chairs:</b> Dr Takahiro Fukunishi [IDE-JETRO] Prof Yohei Kawamura [Akita University]	
	<b>South Africa Chair:</b> Prof Thandi Mgwabi [Tshwane University of Technology (TUT)]	
14:30-15:00	<b>POSTER SESSIONS</b>	Venue: Research Commons Ground Floor
15:00-17:45	<b>Session 3 Parallel Thematic Presentations</b> continued. Refer to Annexure 1.	
15:00-17:00	<b>HIGH-LEVEL MEETING WITH SENIOR REPRESENTATIVES AND VICE-CHANCELLORS</b> (by invitation only) Venue: Research Commons First Floor Boardroom	
	<b>Chairs:</b> Dr Molapo Qhobela [National Research Foundation] Prof Masafumi Nagao [University of Pretoria]	
18:30-20:30	<b>GALA DINNER RECEPTION</b>	Venue: Future Africa Dining Hall

## CONFERENCE DAY 2

FRIDAY, 24 MAY 2019 | Time: 09:00 – 16:30 | Venue: Main Auditorium, Future Africa Campus

### SESSION 4: INDUSTRY ROUNDTABLE IN PLENARY

**Roundtable Facilitator:** Prof Nicola Kleyn [Dean, Gordon Institute of Business Science (GIBS)]

09:00 – 10:30	<b>Toyota Wessels Institute for Manufacturing Studies</b> Prof Justin Barnes [Executive Director]
Inputs: 15 minutes each	<b>IDE-JETRO</b> Dr Katsumi Hirano [Executive Vice-President]
	<b>Toshiba Africa</b> Mr Iwasuke Shimada [Managing Director]
	<b>University of Pretoria</b> Prof Masafumi Nagao
10:30 – 11:00	<b>TEA</b>



TIME	DESCRIPTION
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**SESSION 5A: TECHNICAL PLENARY SESSION  
– COLLABORATION AND STUDENT MOBILITY**

**Session Chair:** Dr Aldo StroebeI [*National Research Foundation (NRF)*]  
*Venue: Main Auditorium*

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**11:00 – 12:45 UNIVERSITY PRESENTATIONS:**

Inputs:  
5 minutes each

- University of Johannesburg – *Malefo, B*
- University of the Witwatersrand – *Moolla, M*
- University of Pretoria – *Mokoduwe, S*
- Durban University of Technology – *Davidson, E*
- Oberlin University – *Kanda, N*
- Doshisha University – *Iizuka, M, Naganishi, H*
- International Christian University – *Nishimura, M*
- Tokyo University of Marine Science and Technology – *Izumi, M*
- Tsukuba University – *Morio, T*
- Tokyo University of Foreign Studies – *Takeuchi, S*

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**12:45 – 13:30 LUNCH**

*Venue: Future Africa Dining Hall*

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**SESSION 5B : TECHNICAL PLENARY SESSION**

**Session Chair:** Prof Bernard Ntambeleni [*Vice-Chancellor, University of Venda (UNIVEN)*]  
*Venue: Main auditorium*

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**13:30 – 15:00 MODALITIES OF RESEARCH SUPPORT FOR COLLABORATION, STUDENT & STAFF MOBILITY**

Inputs:  
6 minutes each

**Thematic Session 4**

**Japan Presenters:**

Mr Noriyoshi Masuko [*Japan Society for the Promotion of Science (JSPS)*]  
Mr Tomohiro Seki [*Japan International Corporation Agency (JICA)*]  
Dr Ryo Takagi [*Japan Agency for Medical Research and Development (AMED)*]  
Mr Osamu Kobayashi [*Japan Science and Technology Agency (JST)*]

**South Africa Presenters:**

Dr Aldo StroebeI [*National Research Foundation (NRF)*]  
Mr Daan du Toit [*Department of Science and Technology (DST)*]  
Dr Whitfield Green [*Department of Higher Education and Training (DHET)*]  
Ms Vinay Rajah [*International Education Association of South Africa (IEASA)*]

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**15:00 – 15:15 TEA**



TIME	DESCRIPTION
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## SESSION 6: JOINT STATEMENT

**Session Chair:** Prof Bernard Ntambeleni [*Vice-Chancellor, University of Venda (UNIVEN)*]  
*Venue: Main Auditorium*

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<b>15:15 – 16:00</b>	<b>PLENARY:</b> <i>(Wrap up of parallel sessions by chairpersons of the respective sessions)</i>
<b>Inputs: 6 minutes each</b>	Inputs: <ul style="list-style-type: none"><li>• Health and wellness</li><li>• Security and social justice</li><li>• Growth, exploration and conservation</li><li>• Modalities of research support and collaboration</li></ul>
<b>16:00 – 16:30</b>	<b>PRESENTATION OF JOINT STATEMENT AND CLOSING REMARKS</b>
	<b>South Africa:</b> Prof Ahmed Bawa
	<b>Japan:</b> Prof Takahiro Morio

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## ANNEXURE 1: PROGRAMME FOR PARALLEL SESSIONS, THURSDAY 23 MAY 2019

THEMATIC AREA	Thematic Area 1: HEALTH AND WELLNESS <i>Conference Room 2</i>	Thematic Area 2: SECURITY AND SOCIAL JUSTICE <i>Main Auditorium</i>	Thematic Area 3: GROWTH EXPLORATION AND CONSERVATION <i>Research Commons First Floor</i>
No Time	<b>SESSION CHAIRS:</b> Prof Lionel Green-Thompson Dr Yoshinori Ikenaka Prof Kazuhiro Yoshida Prof Olubukola Babalda	<b>SESSION CHAIRS:</b> Prof Maxi Schoeman Prof Vasu Reddy Prof Shuhei Shimada Prof Takahiro Morio	<b>SESSION CHAIRS:</b> Prof Thandi Mgwebi Dr Takahiro Fukunishi Prof Yohei Kawamura Dr Thulani Makhlangane
1 12:45-13:00	<b>Category: Public Health</b> <b>IMPROVING THE PUBLIC HEALTH SECTOR IN SOUTH AFRICA: ELICITING PUBLIC PREFERENCES USING A DISCRETE CHOICE EXPERIMENT</b>  Honda, A [ <i>Sophia University, Japan</i> ] Ryan, M [ <i>University of Aberdeen, United Kingdom</i> ] Van Niekerk, R [ <i>Rhodes University, South Africa</i> ] McIntyre, D [ <i>University of Cape Town, South Africa</i> ]	<b>Category: Environment &amp; Resource Management</b> <b>LEARNING FROM SITUATEDNESS OF INDIGENOUS KNOWLEDGE: FROM CASE STUDIES IN FISHING REGIONS IN JAPAN</b>  Ikeguchi, A [ <i>Yokohama National University, Japan</i> ]	<b>Category: Natural Science &amp; Development</b> <b>SA-JAPAN COLLABORATION IN EARTHQUAKE SCIENCE SINCE 1994</b>  Durrheim, RJ [ <i>University of the Witwatersrand, South Africa</i> ] Ogasawara, H [ <i>Ritsumeikan University, Japan</i> ] Y Yabe, Y [ <i>Tohoku University, Japan</i> ] Manzi, M [ <i>University of the Witwatersrand, South Africa</i> ] Cason, E [ <i>University of the Free State, South Africa</i> ]
2 13:00-13:15	<b>THE CHANGING FACE OF PREGNANCY IN SOUTH AFRICA</b>  Bothma, S [ <i>University of Pretoria, South Africa</i> ]	<b>BEYOND WAITING POLITICS IN CONSERVATION: FORESTS AND THE POWER OF THE MARGINALISED IN SOUTHERN AFRICA</b>  Matose, F [ <i>University of Cape Town, South Africa</i> ]	<b>STUDY ON IMPLEMENTATION OF WI-FI DIRECT UTILIZING SMART MINING IN MONITORING STRESS STATES IN UNDERGROUND MINES IN SOUTH AFRICA</b>  Ikeda, H, Kawamura, Y, Mokhtar, NEBt, Yokokura, J, Cawood, F [ <i>Akita University, Japan</i> ]
3 13:15-13:30	<b>RISK EVALUATION OF VECTOR CONTROL TO THE ECOSYSTEM AND THE HUMAN HEALTH IN A MALARIA CONTROL AREA</b>  Ikenaka, YI [ <i>Hokkaido University, Japan</i> ] Motohira, KM, Thompson, LT, Beyene, YB, Wepener, VW, Smit, SN, van Vuren, JvV, Nakayama, SN, Ishizuka, MI [ <i>North west University, South Africa</i> ]	<b>RESOURCE MANAGEMENT AND POLITICAL POWER IN RURAL AFRICA</b>  Takeuchi, S [ <i>Tokyo University of Foreign Studies, Japan</i> ] Ntsebeza, L, Chitonge, H [ <i>University of Cape Town, South Africa</i> ] Sakai, M, Oishi, T, Matsunami, Y, Kirikoshi, H [ <i>TUFS, African Studies Center, Japan</i> ] Sato, C, Aminaka, A [ <i>IDE-JETRO, Japan</i> ]	<b>STABILIZATION OF BARBERTON GOLD MINE TAILINGS USING HIGH PERCENTAGE OF LIME (CAO): IMPROVE GEOTECHNICAL PROPERTIES OF GOLD TAILINGS FOR BUILDING &amp; CONSTRUCTION</b>  Mkhonto, NE Mashifana, TP, Sithole, T [ <i>University of Johannesburg, South Africa</i> ]
4 13:30-13:45	<b>THE INFECTIOUS DISEASES EARLY WARNING SYSTEM</b>  Sweijid, N A [ <i>Alliance for Collaboration on Climate and Earth Systems Science, CSIR</i> ] Minakawa, N. [ <i>School of Tropical Medicine &amp; Global Health, University of Nagasaki, Japan</i> ] & Behera, S.K. [ <i>Application Laboratory, Japan Agency for Marine-Earth Science and Technology, Japan</i> ]	<b>Category: Migration and Gender</b> <b>POLITICISATION OF IMMIGRATION IN ELECTORAL DISCOURSE IN SOUTH AFRICA</b>  Makino-Yamashita, K [ <i>Institute of Developing Economies, Japan External Trade Organization, Japan</i> ] [ <i>Wits School of Governance, South Africa</i> ]	<b>CHARACTERIZATION OF WFGD GYPSUM AS A BY PRODUCT AND ITS COMPATIBLE ADDITIVES FOR BUILDING AND CONSTRUCTION</b>  Mahlangu, DE [ <i>University of Johannesburg, South Africa</i> ]

THEMATIC AREA	Thematic Area 1: HEALTH AND WELLNESS <i>Conference Room 2</i>	Thematic Area 2: SECURITY AND SOCIAL JUSTICE <i>Main Auditorium</i>	Thematic Area 3: GROWTH EXPLORATION AND CONSERVATION <i>Research Commons First Floor</i>
5	13:45-14:00 <b>RELATIONSHIP BETWEEN INFANT FEEDING PRACTICES AND CAREGIVERS' NUTRITION KNOWLEDGE ON THE NUTRITIONAL STATUS OF INFANTS.</b>  Pfumvuti, L and Napier, C <i>[Durban University of Technology, South Africa]</i>	<b>MOBILITY WITH VULNERABILITY OF MOZAMBIKAN FEMALE MIGRANTS TO SOUTH AFRICA: OUTFLOW FROM THE PERIPHERY</b>  Aminaka, A <i>[Institute of Developing Economies-Japan External Trade Organization, Japan]</i>	<b>USING MICROBIOMICS TO UNDERSTAND BIOGEOCHEMISTRY IN THE PACIFIC AND SOUTHERN OCEANS</b>  Makhalanyane, T <i>[University of Pretoria, South Africa]</i>
6	14:00-14:15 <b>ANTHROPOMETRIC PROFILE AND DIETARY INTAKE OF AN EMERGING MIDDLE INCOME COMMUNITY</b>  Memela, SN Napier, CE <i>[Durban University of Technology, South Africa]</i>	<b>PRECARIOUS LIVELIHOODS AND CHANGING GENDER RELATIONSHIP AMONG CONGOLESE FEMALE MIGRANTS IN SOUTH AFRICA</b>  Sato, C <i>[Institute of Developing Economies-Japan External Trade Organization, Japan]</i>	<b>UTILIZATION OF SPENT FOUNDRY SAND AND PLASTIC WASTE TO PRODUCE A BUILDING MATERIAL</b>  Matshavha, R Mashifana, T, Sithole, T, Makhatha, E <i>[University of Johannesburg, South Africa]</i>
7	14:15-14:30 <b>ARTIFICIAL INTELLIGENCE (AI) BRINGS INNOVATION IN DENTAL IMAGING DIAGNOSIS</b>  Katsumata, A <i>[Asahi University, Japan]</i>	<b>LIVING ON THE MARGIN? THE DEMOGRAPHICS OF POPULATION AGEING AND ITS IMPLICATIONS FOR SOCIAL PROTECTION IN AFRICA</b>  Tati, G <i>[University of the Western Cape, South Africa]</i>	<b>RETHINKING THE GLOBAL ROLE AND SIGNIFICANCE OF 'OTAKU' IN INNOVATION AND DIFFUSION OF POP CULTURE</b>  Morio, T <i>[University of Tsukuba, Japan]</i>
	14:30-15:00 <b>POSTER SESSIONS</b>		<i>Venue: Research Commons Ground Floor</i>
8	15:00-15:15 <i>Category: Education and Human Resource Development</i>  <b>EMPOWERMENT OF TOWNSHIP STUDENTS IN SOUTH AFRICA THROUGH THE LEARNING IMPROVEMENT PROJECT</b>  Kusakabe, T <i>[Hiroshima University, Japan]</i> Mathabase, KC <i>[University of Pretoria, South Africa]</i>	<i>Category: Governance and Social Justice</i>  <b>SDGS BOOMING IN JAPANESE BIG BUSINESSES: CAN "SDGS" CHANGE THEIR STRATEGIES AND PERSPECTIVES?</b>  Iizuka, M <i>[Doshisha University, Graduate School of Business, Japan]</i>	<b>MICROALGAE CULTIVATION USING WASTEWATER AT DEMONSTRATE SCALE FOR VARIOUS COMMERCIAL APPLICATIONS</b>  Renuka, N Faiz Ahmad Ansari, FA, Rawat, I, Guldhe, I, Bux, F <i>[Durban University of Technology, South Africa]</i>
9	15:15-15:30 <b>SUPPORT SERVICES FOR STUDENTS WITH DISABILITIES IN TECHNICAL AND VOCATION TRAINING COLLEGES IN SOUTH AFRICA</b>  Makgopela, S <i>[Department of Higher Education and Training, South Africa]</i>	<b>"DOING" THE 4.0 INDUSTRIAL REVOLUTION IN THE SOUTH AFRICAN WORKPLACE WHILE RECOGNISING THE SOCIO-POLITICAL AND ECONOMIC CHALLENGES OF THE PAST</b>  Moshime, K Bazana, S <i>[Rhodes University, South Africa]</i>	<b>RESEARCH ON ENVIRONMENTAL CHEMISTRY: MEMBRANE TECHNOLOGY</b>  Takaba, H Higuchi, H <i>[Kogakuin University, Japan]</i>

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10	15:30-15:45 <b>THE EXPERIENCES OF EARLY CAREER ACADEMICS AT THE UNIVERSITY OF VENDA (2014 -2018)</b>  Mudimeli, LM [ <i>University of Venda, South Africa</i> ]	COOPERATION OR COMPETITION: REGIONAL ECONOMIC GOVERNANCE AND JAPAN  Kabashima, H [ <i>Yokohama National University, Japan</i> ]	ASSESSMENT OF IMPACT OF CLIMATE CHANGE ON WATER SECURITY IN SOUTH AFRICA: A CASE STUDY IN A SEMI-ARID RIVER BASIN  Woyessa, Y [ <i>Central University of Technology, South Africa</i> ]
11	15:45-16:00 <b>REVIEW ON THE STATE OF GIS APPLICATION IN SECONDARY SCHOOLS IN THE SOUTHERN AFRICAN REGION</b>  Kapute Mzuza, MM Van Der Westhuizen, C [ <i>North-West University, South Africa</i> ]	POPULISM, PERSONAL VALUES AND PLANETARY GOVERNANCE  De Wit, MP. [ <i>Stellenbosch University, South Africa</i> ]	UTILISING BIOMARKERS IN A MULTISPECIES APPROACH TO RELATE ORGANOCHLORINE EXPOSURE TO BIOLOGICAL EFFECTS: THE KRUGER NATIONAL PARK AND PHONGOLO FLOODPLAIN EXPERIENCE  Wepener V Y Ikenaka Y, Gerber R, Yohannes Y, Ishizuka M, Smit NJ [ <i>North-West University, South Africa</i> ]
12	16:00-16:15 <b>LEARNER/STUDENT PERFORMANCE AS A REFLECTION OF LEADERSHIP ABILITY FOR TRANSFORMATION</b>  Cishe, EN Banda, S [ <i>Walter Sisulu University, South Africa</i> ]	RECONSIDERING “INCLUSIVE GROWTH,” AND GENDERED ECONOMIC SECURITY: TOWARD CONSTRUCTING COMPARATIVE RESEARCH AGENDAS  Nakanishi, H [ <i>Doshisha University, Japan</i> ]	(MICRO)BIOLOGICAL HOT SPOTS IN THE SOUTHERN OCEAN  Nunoura, T [ <i>Japan Agency for Marine-Earth Science &amp; Technology (JAMSTEC), Japan</i> ]
13	16:15-16:30 <b>LEARNING AND INTELLIGENCE IN THE AGE OF AI</b>  Yu, K [ <i>University of Johannesburg, South Africa</i> ]	INTERNATIONAL RELATIONS OF EVERYDAYNESS  Shimizu, K [ <i>Ryukoku University, Japan</i> ]	<i>Category: Economics &amp; Business Science, Area studies</i>  ENHANCING THE GROWTH AND DEVELOPMENT IMPACT OF JAPANESE DIRECT INVESTMENT IN SOUTH AFRICA  Nubong, GF [ <i>North West University, South Africa</i> ]
14	16:30 – 16:45 <b>LESSON STUDY IN INITIAL TEACHER EDUCATION: THE CASE OF THE UNIVERSITY OF PRETORIA, SOUTH AFRICA</b>  Sekao, R.D. [ <i>University of Pretoria, South Africa</i> ]	CITIZEN PARTICIPATION, SOCIAL EXCLUSION, AND INSECURITY – AN EXAMINATION OF PARTICIPATORY SYSTEMS IN LOCAL GOVERNMENT IN SOUTH AFRICA  Tapscott, C [ <i>University of the Western Cape, South Africa</i> ]	SOUTH AFRICAN INVESTMENT AND CONTRACT FARMING: THE CASE OF BEER INDUSTRY IN UGANDA  Nishiura, A [ <i>Soka University, Japan</i> ]

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15 16:45-17:00	<p><b>IMPACT OF THE NEW CURRICULUM ON INDUSTRY'S NEEDS, A STUDY OF DURBAN UNIVERSITY OF TECHNOLOGY (DUT)</b></p> <p>Paramanund, C [Durban University of Technology, South Africa]</p>	<p><b>ENERGY SECURITY AND CHALLENGES OF TRANSITION TO GREEN ECONOMY IN SOUTH AFRICA</b></p> <p>Saito, F [Ryukoku University, Japan]</p>	<p><b>DEVELOPING MANUFACTURING LEADERSHIP IN SOUTH AFRICA (AND REGIONALLY): THE ROLE OF MONOZUKURI</b></p> <p>Barnes, JR [Toyota Wessels Institute for Manufacturing Studies, South Africa] [Gordon Institute of Business Science, South Africa]</p>
16 17:00-17:15	<p><b>Category: Indigenous Knowledge Systems</b></p> <p><b>APPLYING INDIGENOUS KNOWLEDGE SYSTEMS RELATED TO LOCAL INSECT RESOURCES FOR CONSERVATION EDUCATION IN SOUTH AFRICA AND JAPAN.</b></p> <p>Nonaka, K [Rikkyo University, Japan] Dzerefos, C. M., De Sousa, L.O [North-West University, South Africa]</p>	<p><b>YOUTH AND POLITICAL PARTICIPATION: IS ZIMBABWE'S DEMOCRACY GREYING?</b></p> <p>Masunda, O [National University of Science and Technology, Japan]</p>	<p><b>USING SATELLITE DATA TO ASSESS THE IMPACT OF AGRICULTURAL MINIMUM WAGES IN SOUTH AFRICA</b></p> <p>Ito, S Piek, M, Von Fintel, DP [Institute of Developing Economies-Japan External Trade Organization, Japan]</p>
17 17:15-17:30	<p><b>INDIGENOUS KNOWLEDGE INHERENT IN TRADITIONAL BEEKEEPING AS MINOR SUBSISTENCE IN TSUSHIMA ISLAND, JAPAN</b></p> <p>Mizota, K [Miyagi University of Education, Japan]</p>	<p><b>RETHINKING SERVICE DELIVERY PROCESSES: THE ROLE OF MUNICIPAL SERVICES PARTNERSHIPS IN BASIC SERVICE DELIVERY - A CASE STUDY OF SEKHUKHUNE DISTRICT MUNICIPALITY</b></p> <p>Radingoana, K [Stellenbosch University]</p>	<p><b>CITRUS LIMON WASTE; MEDICINAL AND AGRICULTURAL ECONOMIC POTENTIALS</b></p> <p>Oyedeki, AO et al [Department of Chemical and Physical Sciences, Faculty of natural Sciences, Walter Sisulu University, Mthatha, South Africa]</p>
18 17:30-17:45	<p><b>TAPPING INTO THE VALUE OF EDIBLE INSECTS FOR EDUCATION AND ECOTOURISM</b></p> <p>Palmer, M Mkhize, B [North-West University, South Africa]</p>	<p><b>PROMOTING HUMAN SECURITY IN SOUTHERN AFRICA: REFLECTIONS ON THE COOPERATION BETWEEN THE UNIVERSITY OF THE FREE STATE AND OSAKA UNIVERSITY</b></p> <p>Solomon, H [University of the Free State]</p>	<p><b>WHAT DETERMINES THE STRICTNESS OF DOCUMENTATION REGULATION IN TRANSFER PRICING?</b></p> <p>Lee, H et al [International University of Japan]</p>
19 17:45-18:00	<p><b>COMBINING THE CONSERVATION OF INTANGIBLE CULTURAL HERITAGE WITH PARTNERSHIPS AS A WAY INTO THE FUTURE AT THE INTERNATIONAL LIBRARY OF AFRICAN MUSIC (ILAM), RHODES UNIVERSITY</b></p> <p>Watkins, L [Rhodes University, South Africa]</p>	<p><b>TRANS-LOCAL LEARNING APPROACH TO DESIGN SOCIAL LEARNING FOR SUSTAINABILITY</b></p> <p>Shogo, K [The University of Tokyo, Graduate Program in Sustainability Science, Japan]</p>	

## POSTER SESSIONS | RESEARCH COMMONS 14:30 – 15:00

	HEALTH AND WELLNESS	SECURITY AND SOCIAL JUSTICE	GROWTH EXPLORATION AND CONSERVATION
1	<p><b>TAPPING INTO TRADITIONAL TECHNIQUES TO EXCLUDE DEER AND WILD BOARS TO ENHANCE LOCAL EDUCATION AT ELEMENTARY SCHOOLS</b></p> <p>Hashimoto, M [<i>Gifu University, Japan</i>] Dzerefos, C [<i>North-West University, South Africa</i>] Nonaka, K [<i>Rikkyo University, Japan</i>]</p>	<p><b>BEING DISABLED IN THIS DAY AND AGE: ASSESSING ECONOMIC EMPOWERMENT OF JAPANESE AND SOUTH AFRICAN DISABLED CITIZENS</b></p> <p>Nzo, ZYZ [<i>Toyo University, Japan</i>]</p>	<p><b>HIGH SCHOOL STUDENTS AND HARVESTERS COLLABORATE IN THE CULTURAL PRACTICE OF VESPULA SPP. REARING AND UTILISATION IN JAPAN</b></p> <p>Nonaka, K [<i>Rikkyo University, Japan</i>] Dzerefos, CM [<i>North-West University, South Africa</i>]</p>
2	<p><b>THE INFLUENCE OF TRADITIONAL HEALING PRACTICES ON ANTI-RETROVIRAL TREATMENT ADHERENCE IN VHEMBE DISTRICT, SOUTH AFRICA</b></p> <p>Musvipwa, FM Tshifhumulo, R, Matshidze, PE, Netshandama, VO [<i>University of Venda, South Africa</i>]</p>	<p><b>SEPARATION OF WASTE SOLVENT CONTAINING ORGANIC SOLUTION FOR CO2 REDUCTION PROCESSES INVESTIGATED BY MOLECULAR MODELING</b></p> <p>Higuchi, H Negishi, A, Hirokawa, F, Takaba, H [<i>Kogakuin University, Japan</i>]</p>	<p><b>MULTIPLE USES OF TERMITES AND TERMITE MOUNDS IN SOUTHERN AFRICA AND SOUTHEAST ASIA</b></p> <p>Ono, E [<i>Komazawa University, Japan</i>] Nonaka, K [<i>Rikkyo University, Japan</i>] Miyagawa, S [<i>Gifu University</i>] Takenaka, T [<i>Nagoya University</i>] Nzira, JJ [<i>Ukuvuna Urban Farming Projects, South Africa</i>]</p>
3	<p><b>ESTABLISHMENT OF AN EARLY WARNING SYSTEM FOR MALARIA IN SOUTHERN AFRICA, INCORPORATING CLIMATE PREDICTIONS – OVERVIEW OF THE IDEWS PROJECT</b></p> <p>Minakawa, N <i>et al</i> [<i>Nagasaki University, Japan</i>]</p>	<p><b>INDIGENOUS WAYS OF KNOWING TO SUPPORT EDUCATION FOR SUSTAINABLE DEVELOPMENT: LESSONS FROM JAPAN</b></p> <p>Raath, S [<i>North West University, South Africa</i>] and Sakita, S [<i>JSPS Research Fellow, Japan</i>]</p>	<p><b>SHOWCASING THE USE OF EDIBLE INSECTS FROM AFRICA AND JAPAN</b></p> <p>Sakamoto, N [<i>Itami City Museum of Insects, Japan</i>] Dzerefos, C [<i>North-West University</i>] Nonaka, K [<i>Rikkyo University, Japan</i>]</p>
4	<p><b>THE JAPAN-AFRICA COLLABORATIVE RESEARCH ON HELICOBACTER PYLORI PROJECT</b></p> <p>Yamaoka, Y [<i>Oita University, Japan</i>]</p>		
5	<p><b>DEVELOPMENT OF SKILLS AND CAPABILITIES OF STUDENTS WITH DISABILITIES IN TECHNICAL VOCATIONAL EDUCATION AND TRAINING COLLEGES IN SOUTH AFRICA TO ACHIEVE THEIR SECURITY NEEDS BEYOND GRADUATION.</b></p> <p>Makgopela, S [<i>Department of Higher Education and Training, South Africa</i>]</p>		

END

**Thank you for your  
participation**

