



**SAJU 6 Programme - Day 1**

**Tuesday, 27 August**

**09:00 - 10:30**

**Session 1: Welcome and Opening**

**Room: Magnifica 4**

**Welcome, Opening Remarks and Keynote Address**

*Prof. Wim DE VILLIERS, Rector and Vice-Chancellor, Stellenbosch University*

*Dr. Phethiwe Matutu, Chief Executive Officer: USAf*

*Mr. Ghaleeb JEPPIE, Minister Counsellor, Embassy of South African in Japan*

*Mr. Shinsuke OKADA, Director for international cooperation, International Science and Technology Affairs Division, Ministry of Education, Culture, Sports, Science and Technology (MEXT)*

*Mr. Kei ANDO, Counsellor, Economic and Development Section, Embassy of Japan in South Africa*

*Keynote Speaker 1: Prof. Ahmed C. BAWA, Johannesburg Business School, University of Johannesburg*

*Keynote Speaker 2: Prof. Takahiro MORIO, Professor in the Office of Global Initiatives, University of Tsukuba*

*Moderator: Prof. Hester KLOPPER, Deputy Vice-Chancellor: Strategy, Corporate and Global Affairs, SU*

**10:30 - 11:00**

**Refreshment Break**

**The Bridges**

### 2.1) Networking Session: J-Bridge: Connecting South African Innovation to Japan

Room: Magnifica 4

Time: 11:00 - 12:30

*Ms. Rikako NISHIURA, Director, Japan, External Trade Organization (JETRO)*  
*Mr. Yannick GAYAMA, Head of Programmes, Double Feathers Partners*  
*Ms. Anita NEL, Chief Director: Innovation and Commercialisation, INNOVUS*  
*Mr. Brandon PASCHAL, Deputy Director: Spin-out Companies and Funds, Stellenbosch University LaunchLab*

*Moderator: Prof. Scarlett CORNELISSEN, Stellenbosch University Japan Centre (SUJC)*

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### 2.2) Thematic Panel: Discussing South African Student Experiences in Japan

Room: OMEGA

Time: 11:00 - 12:30

*Ms. Sarah VAN DER WESTHUIZEN, Director: Centre for Global Engagement, Stellenbosch University International (SUI) & Co-Director, SUJC*  
*Ms. Sarah RICHMOND, Senior Programme Manager, Unit for Global Learning, SUI*  
*Mr. Thami MAHLOBO, Coordinator: International Support, SUI*

*Moderator: Mr. Kirwan ADAMS, SUI*

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### 2.3) Panel: Health and Wellbeing - Physical Health

Room: Magnifica 1

Time: 11:00 - 12:30

**Composition, size distribution and in vitro toxicological studies of ambient PM 2.5 levels in Southern Africa**

*Prof. Janine WICHMANN, School of Health System and Public Health, University of Pretoria*  
*Prof. Peter MOLNAR, Department of Occupational and Environmental Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg*  
*Prof. Johan BOMAN, Department of Chemistry and Molecular Biology, University of Gothenburg*

**Application of Omics and Bioinformatics tools to Identify Pathogenic Gastrointestinal Helminths and Antimicrobial Resistance Genes: a One-Health Approach**

*Annette Imali ACHOLA, Institute for Water and Wastewater Technology (IWWT), Durban University of Technology (DUT)*

**AfriWUIFire: Fire safe African homes on the Wildland Urban Interface**

*Dr. Natalia FLORES QUIROS, Postdoctoral researcher, Fire Engineering Unit, SU Department of Civil Engineering*

Coping in crisis: The role of sense of coherence, life satisfaction, and resilience in the relationship between depression, perceived social support, fear of COVID-19, and perceived vulnerability to disease among nurses in South Africa

*Prof. Bronwyn COETZEE, Department of Psychology, SU*

*Dr. Phillipa HAINE, Department of Psychology, SU*

*Prof. Ashraf KAGEE, Department of Psychology, SU*

*Ms. Lindokuhle SHONGWE, Department of Psychology, SU*

*Mr. Marnus JANSE VAN VUUREN, Department of Psychology, SU*

*Prof. Martin KIDD, Department of Statistics and Actuarial Sciences, SU*

*Moderator: Dr. Paul WILLIAMS, Department of Food Science, Faculty of Agrisciences, SU*

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## **2.4) Panel: Social Justice and Development - Economy, Politics, Society**

**Room: Magnifica 3**

**Time: 11:00 - 12:30**

The Influence of purpose-driven advertising on consumer attitude and purchase intention

*Ms. Isabella Cara BRröHM, Department of Business Management, SU & Dr. Debbie HUMAN VAN ECK, Stellenbosch University*

Social relationships in the use of microfinance in rural Africa: Case studies of Burkina Faso and South Africa

*Dr. Chihiro KUMASHIRO, Coordinator: Inter-University Exchange Project (Africa), lecturer, Tokyo University of Foreign Studies*

Long-term implications of peacebuilding and disarmament: preliminary findings on the case of conflict recurrence in Mozambique

*Ms. Monique BENNETT, Doctoral Candidate, Stellenbosch University*

External barriers in Nigeria's entrepreneurial ecosystem

*Ms. Josephine ILESANMI, Doctoral Candidate, Durban University of Technology*

The Comprehensive Agricultural Reform Programme (CARP) of the Philippines: A potential model for South African land reform?

*Mr Marcus VAN DER WALT, Stellenbosch University*

Assessing the role of community participation in enabling effective implementation of IDP in Nelson Mandela Metropolitan Municipality

*Ms. Nandiswa MPOLWENI, Durban University of Technology*

*Moderator: Prof. Motoki TAKAHASHI, Director: Graduate School of Asian and African Studies, Kyoto University*

**12:30 - 13:30**

**Lunch**

**Cultivar Restuarant**

**3.1) Thematic Panel: Japanese Industry and Development in Africa**

**Room: OMEGA**

**Time: 13:30 - 15:00**

**Invisible tandem for imagining Japanese Palate: An Afrasian history of fruits canning industry of Western Cape in the 1980s**

*Dr. Atsuko MUNEMURA, Department of Economics, Chiba Keizai University*

South Africa's democratic developmental state aspiration and Japan's development experience

*Dr. Tawanda SACHIKONYE, Research Consultant, Southern African Liaison Office (SALO)*

Japan, the global automotive value chain, and Africa

*Prof. Scarlett CORNELISSEN, SUJC & Mr. Cüneyt Aksoy, Stellenbosch University*

*Moderator: Mr. Thami MAHLOBO, Coordinator, International Support, SUI/SUJC*

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**3.2) Thematic Panel: From Friendship for Sustainable Partnership: UWC-Asahi University and Meikai University**

**Room: Magnifica 4**

**Time: 13:30 - 15:00**

*Prof. Katsuyuki OHTOMO, President, Asahi University*

*Prof. Satoshi KAWANO, Asahi University*

*Prof. Koji SAKIYAMA, Meikai University*

*Prof. Dean Veerasamy YENGOPAL, Dean and Professor of Dentistry, University of the Western Cape (UWC)*

*Dr Suvarna INDERMUN, UWC*

*Mr Umesh BAWA, Department of Psychology and Director of International Relations, UWC*

*Moderator: Mr Umesh BAWA, Department of Psychology and Director of International Relations, UWC*

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**3.3) Panel: Social Justice and Development - Human Security / Human Rights**

**Room: Magnifica 1**

**Time: 13:30 - 15:00**

**The acceptance of human security idea in Japan: Its relevance in a polarized world**

*Prof. Yoichi MINE, Executive Director: JICA Ogata Sadako Research Institute for Peace and Development*

**Remembering and reimagining the Bomb: Lessons from Japan for South Africa**

*Prof. Jo-Ansie VAN WYK, Research Professor in International Politics, University of South Africa (UNISA)*

**A human rights foreign policy: Lessons for Japan from South Africa's past and present**

*Ms. Inge ABSALOM, Doctoral Candidate, Stellenbosch University*

Exploring the importance of human security in two different contexts, namely Japan and South Africa

*Dr. Ilze SLABBERT, Stellenbosch University*

*Moderator: Prof. Janis VAN DER WESTHUIZEN, Stellenbosch University*

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### **3.4) Panel: Systems and Technologies For the Future - ICT/AI/Media and Society**

**Room: Magnifica 3**

**Time: 13:30 - 15:00**

Imagine and create the human centric future through Sci-Fi thinking and making manga stories methos - An Application project learning

*Prof. Takahiro MORIO, University of Tsukuba*

Pro-Poor digitalization: Empowering humanity, bridging divides and building opportunities

*Andiswa DHLAMINI, Durban University of Technology*

The power of social media: Exploring the positive and negative effects social media has on voter behaviour

*Ms. Husna B. Maswanganyi, Stellenbosch University*

Infodemiology and its potential impact on digital wellness

*Dr. Kurt MARAIS, Stellenbosch University*

*Moderator: Ms. Sarah VAN DER WESTHUIZEN, SUI/SUJC*

**Refreshments Available**

**The Bridges**

**4.1) Thematic Panel: COVID-19 and Africa: Multinational Collaborative Research Project between Japan and Africa**

**Room: OMEGA**

**Time: 15:00 - 16:30**

Exploration of practical wisdom and resilience overcoming downside risk: Collecting grassroots voices in Africa under COVID-19

*Dr. Chizuko SATO, Institute of Developing Economies-JETRO & Dr. Kazuyo HANAI, University of Tokyo*

Muting the discordant dirge: Politics of death during COVID-19 in Kenya and Tanzania

*Dr. Kinyua KITHINJI, Sophia University & Maureen OBARE, Loyola Center for Media and Communications, Nairobi*

Risk perceptions, resilience and evaluation of government policies during the COVID-19 Pandemic in South Africa: A Study of the middle class

*Dr. Tomohiro HOSOI, University of Tokyo  
Prof. Scarlett CORNELISSEN, SUJC  
Dr. Chizuko SATO, IDE-JETRO*

COVID-19: A perfect storm of downside risk for farmers' markets and livelihoods in Zimbabwe

*Dr. Rangarirai Gavin MUCHETU, Rikkyo University*

*Moderator: Prof. Schinichi TAKEUCHI, African Studies Center, Tokyo University of Foreign Studies*

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**4.2) Panel: Health and Wellbeing & Systems and Technologies For the Future - Environment/Biodiversity**

**Room: Magnifica 3**

**Time: 15:00 - 16:30**

Survey on Indigenous plants used in ethno-veterinary in treatment of cattle diseases from various areas in Mpumalanga province.

*Dr. Elizabeth KOLA, University of Mpumalanga*

Shedding light on mangrove biodiversity: An Africa-Japan CORE Partnership in metabarcoding research

*Dr. Nasreen PEER, Department of Botany and Zoology, SU*

Consumer perceptions, sourcing, and consumption frequency of indigenous leafy vegetables in selected rural households in Mangangeni Village, Ndwedwe, KwaZulu-Natal

*Ayanda Sthabiso Wesley HLEKWANE, Department of Food and Nutrition Sciences, Durban University of Technology  
Dr Heleen GROBBELAAR, Department of Food and Nutrition Sciences, DUT  
Professor Carin NAPIER, Faculty of Medical and Health Sciences, Social and Community Health, University of Auckland, New Zealand*

Sizwe Vincent MBONA, Department of Statistics, Durban University of Technology, ML Sultan Campus

Meta-omic characterizations of ultra-Deep biosphere hosted in Bushveld Complex: An NRF-JSPS bilateral research project

Ms. Tori WILLIAMS, University of the Free State

Dr. Julio CASTILLO, Senior researcher, Microbial Biochemical and Food Biotechnology, University of the Free State

Dr. Yohei SUZUKI, University of Tokyo

(SATREPS) Green ammonia production at South Africa: A proposal and challenge

Prof. Ken-ichi AIKA, National Institute of Technology (KOSEN) Numazu College

A new strategy for molecule-based gas purification

Prof. Yoichi HOSHIMOTO, Center for Future Innovation (CFi), Division of Applied Chemistry, Faculty of Engineering, Osaka University

Moderator: Prof. Scarlett CORNELISSEN, SUJC

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**4.3) Networking Session: Closing the Gap between Research and Policymaking: A New Postdoctoral Initiative by the Department of Science and Innovation (DSI) and the National Research Foundation (NRF)**

**Room: Magnifica 4**

**Time: 15:00 - 16:30**

Keynote address Dr. Palesa MOTHAPO, Nelson Mandela University

Overview of Programme: Dr. Koena MOTLOI, Programme Representative, NRF

Presentation by Postdoctoral Fellows

Dr. Lucia MASILELA, University of Johannesburg

Dr. Phuti NGOEPE, University of Pretoria

Dr. Sibongangani MNGOMEZULU, Nelson Mandela University

Dr. Nhlanhla HLONGWA, University of Cape Town

Moderator: Dr. Moloko MATHIPA-MDAKANE, Council for Scientific and Industrial Research

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**4.4) Panel: Systems and Technologies for the Future - The Urban/Cities & Environment**

**Room: Magnifica 1**

**Time: 15:00 - 16:30**

Bridging divides, building futures: Lessons for South African cities from Japan for Inclusive digitalisation and smart city development

Mr. Perekamoyo T.K. MATALA-BANDA, School of Public Leadership, SU & Prof Tania AJAM, School of Public Leadership, SU

Developing an Artificial Intelligence algorithm for building low-cost houses using recycled polymer

Prof. K van der WALT, Centre for Sustainable Smart Cities, Central University of Technology (CUT)

Application of eDNA metabarcoding for assessment and prediction of faunal biodiversity in mangroves: The value of the Africa-Japan collaboration

Ms. Bernadeth PANANGANAN, Doctoral Candidate, Kagoshima RENDAI, Tropical Biosphere Research Center, University of the Ryukyus

Mixed-income housing developments in Africa: Lessons learned

Temitope OLANIRAN, Doctoral Candidate, Department of Architecture, Durban University of Technology

Assessing the feasibility of piezoelectric pavements in an interchanging node precinct, Warwick Triangle, Durban, South Africa

Nontobeko MDUNGE, Durban University of Technology

Moderator: Dr. Tawanda SACHIKONYE, Southern African Liaison Office

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16:00 - 16:30

Busses depart from Protea Hotel for Gala Event

Refreshments will be available on arrival at the Endler Hall

17:00 - 21:00

Gala - Stellenbosch University Conservatory (Endler Hall)

The Gala Evening will consist of the Frederik Van Zyl Slabbert Honorary Lecture followed by a performance by Stellenbosch University's world-renowned choir. To read more, see the following link. (Confirming attendance beforehand is required.)

21:00 - 21:30

Busses depart from the Endler Hall for Protea Hotel