



science  
& technology

Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA

SCIENCE FORUM  
South Africa



## Programme 2016

You are here: [Home](#) / [SFSA 2016](#) / [Programme 2016](#)

### Thursday, 8 December 2016

08:30 – 10:30

#### OPENING PLENARY SESSION

**Moderator:** Prof Cheryl de la Rey, South Africa, University of Pretoria

**Anthems:** Playing of South African and African Union Anthems

**Welcome Message by the Forum Host:** Minister Naledi Pandor, South Africa, Minister of Science and Technology

**Topical Debate:** *The role of the social sciences and critical reflection in shaping South Africa and Africa's future*

**Invited keynote contribution:** Mr Joel Netshitenzhe, South Africa, Mapungubwe Institute for Strategic Reflection

**Discussion**

**Summary Reflection:** Prof Crain Soudien, South Africa, Human Sciences Research Council

**Messages from SFSA 2016 International Partners:**

Mr Wolfgang Burtscher, Austria, European Commission

Dr Heide Hackmann, Germany / South Africa, International Council for Science

Prof Romain Murenzi, Rwanda, United Nations Economic, Scientific and Cultural Organisation

Dr Tolu Oni, South Africa, International Network for Government Science Advice  
Prof Daya Reddy, South Africa, Science International

**Wishes from the SFSA 2016 Strategic Partners:**

Prof Roseanne Diab, South Africa, Academy of Science of South Africa  
Dr Molapo Qhobela, South Africa, National Research Foundation  
Dr Molefi Motuku, South Africa, Council for Scientific and Industrial Research

10:30 – 11:00

**BREAK**

Tea/coffee and snacks. Networking and exhibitions.

11:00 – 12:30

**PLENARY PANEL DISCUSSION**

**Making International Engagement Work for Africa**

**Chair:** Prof Robin Grimes, United Kingdom, UK Foreign and Commonwealth Office Chief Scientific Adviser

**Panellists:**

Dr Olajumoke Akiode, Nigeria, Centre for Ethics and Sustainable Development  
Dr Chux Daniels, Nigeria / United Kingdom, University of Sussex  
Dr Tolu Oni, South Africa, University of Cape Town  
Dr Rudy Onia, South Africa, GSK Africa and Asia Developing Countries  
Prof John Ouma-Mugabe, Kenya / South Africa, University of Pretoria  
Dr Gansen Pillay, South Africa, National Research Foundation

12:30 – 13:30

**LUNCH**

Networking and exhibitions.

13:30 – 15:00

**FIRST ROUND OF PARALLEL SESSIONS & SCIENCE TALKS**

PARALLEL SESSIONS

<u><b>A Kwame Nkrumah Continental Scientific Awards Perspective on Science in Africa</b></u>	<u><b>Defining the Principles and Guidelines of Science Advice</b></u>	<u><b>Conversations Around Openness in African Research: Open Access, Open Data, Open Science</b></u>	<u><b>Driving Agriculture-Led Economic and Social Transformation of Africa</b></u>	<u><b>Sixty Percent Dropout Rate of South African Students at Universities</b></u>	<u><b>Social Sciences Informing the Debate on a Living and Minimum National Wage</b></u>	<u><b>The Power of Public Engagement to Tackle SDGs</b></u>	<u><b>Towards the Implementation of an African Space Programme</b></u>
Venue: Diamond	Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Jade	Venue: NRF
<b>Chair</b> Prof Cheryl de la Rey, South Africa, University of Pretoria <b>Panellists</b> Prof Salim Abdool Karim, South Africa, Centre for the AIDS Programme of Research in South Africa Prof Tebello Nyokong, South Africa,	<b>Chair</b> Dr Heide Hackmann, South Africa / Germany, International Council for Science <b>Panellists</b> Dr Oladoyin Odubanjo, Nigeria, Nigerian Academy of Science Dr Tolu Oni, South Africa, University of	<b>Chair</b> Mrs Susan Veldsman, South Africa, Academy of Science of South Africa <b>Panellists</b> Prof Magdalena Eriksson, Rwanda, AIMS-Next Einstein Initiative Dr Patrick Molutsi, Botswana, Joint Minds Consult	<b>Moderator</b> Prof Frans Swanepoel, South Africa, University of Pretoria <b>Panellists</b> Dr Yvette Ampaire, Uganda, African Women Initiative on Climate Change Dr Marcel Mballa-Ekobena, Kenya / Cameroon,	<b>Chair</b> Prof Thandi Mgwebi, South Africa, University of the Western Cape <b>Panellists</b> Ms Lullu Krugel, South Africa, KPMG Dr Maupi Letsoalo, South Africa, Tshwane University of Technology	<b>Chair</b> Dr Molefe Maleka, South Africa, Tshwane University of Technology <b>Panellists</b> Dr Leigh-Anne Dachapalli, South Africa, Tshwane University of Technology Prof Stuart Carr, New Zealand,	<b>Moderator</b> Dr Lidia Brito, Mozambique, United Nations Educational, Scientific and Cultural Organization <b>Panellists</b> Prof Hiroyuki Matsuda, Japan, Yokohama National University Mr Satoru Ohtake, Japan, Japan Science	<b>Chair</b> Dr Val Munsami, South Africa, Department of Science and Technology <b>Panellists</b> Ms Joy-Marie Lawrence, South Africa, South African National Space Agency Mr Humbulani Mudau, South Africa, Department of Science and Technology

Rhodes University Dr Botlhale Tema, South Africa, African Creative Connections	Cape Town, South African Young Academy of Science	Prof Joseph Muliaro Wafula, Kenya, Jomo Kenyatta University of Agriculture and Technology Prof Colin Wright, South Africa, Council for Scientific and Industrial Research	Farmer and Entrepreneur Dr Moses Osiru, Uganda, Regional Universities Forum for Capacity Building in Agriculture Dr Lindiwe Sibanda, Zimbabwe, Food, Agriculture and Natural Resources Policy Analysis Network Dr Aldo Stroebel, South Africa, National Research Foundation / Cornell University	Dr Satsope Maoto, South Africa, University of Limpopo	Massey University A/Prof Ines Meyer, South Africa, University of Cape Town Mr Craig Raath, South Africa, 21st Century Mrs Suzette Ragadu, South Africa, Tshwane University of Technology Prof Cecile Schultz, South Africa, Tshwane University of Technology	and Technology Agency Mr MJ Schwartz, South Africa, University of Zululand Science Centre Dr Peter Tindemans, The Netherlands, EuroScience	Ms Andiswa Mlisa, Switzerland, Group on Earth Observations Prof Robert van Zyl, South Africa, Cape Peninsula University of Technology
---	---	---	---	---	--	--	--

**SCIENCE TALKS**

**Industrie 4.0 – From the Perspective of Applied Research**

**ICT4D Innovation Ecosystem for Inclusivity**

**We Begin Before We Are Born**

Time: 13:30 – 14:00	Time: 14:00 – 14:30	Time: 14:30 – 15:00
Venue: Onyx	Venue: Onyx	Venue: Onyx
<b>Presenter</b> Prof Reimund Neugebauer, Germany, Fraunhofer Gesellschaft	<b>Presenter</b> Prof Darelle van Greunen, South Africa, Nelson Mandela Metropolitan University	<b>Presenters</b> Prof Shane Norris, South Africa, University of the Witwatersrand  Prof Linda Richter, South Africa, University of the Witwatersrand

**15:00 – 15:30  
BREAK**

Tea/coffee and snacks. Networking and exhibitions.

**15:30 – 17:00  
SECOND ROUND OF PARALLEL SESSIONS & SCIENCE TALKS**

**PARALLEL SESSIONS**

<u>Getting Involved in the Knowledge Economy in a Practical Way</u>	<u>Why a Bottom-Up Blueprint for Evidence, Ethics and Principles is Revolutionary</u>	<u>The Role of Biotechnology for African Development: The International Centre for Genetic Engineering and Biotechnology and the</u>	<u>Transitioning to a Green Economy</u>	<u>The Informal Economy in Developing Nations: Hidden Engine of Innovation?</u>	<u>Securing Food with All Hands of the Stakeholders in The Pie: #AgriStakePie</u>	<u>The Sticky Matter of the Knowledge Age</u>	<u>OPEN EUREKA. Taking an Innovative Idea to the International Markets</u>
---	---	--	---	---	---	---	--

		<u>International Context</u>					
Venue: Diamond	Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Jade	Venue: NRF
<b>Chair</b>	<b>Moderator</b>	<b>Chair</b>	<b>Chair</b>	<b>Chair</b>	<b>Chair</b>	<b>Moderator</b>	<b>Moderator</b>
Ms Wendy Lucas-Bull, South Africa, Barclays Africa Group Limited	Mr Aidan Gilligan, Ireland, Sci-Com	Prof Mauro Giacca, Italy, International Centre for Genetic Engineering and Biotechnology	Mr Barlow Manilal, South Africa, Technology Innovation Agency	Prof Rasigan Maharajh, South Africa, DST/NRF Centre of Excellence in Scientometrics, Science, Technology, and Innovation Policy	Dr Lerato Matsaunyane, South Africa, Agricultural Research Council	Ms Zini Godden, South Africa, Mesopartner	Ms Ana Tomasek, Belgium, EUREKA Secretariat
<b>Panellists</b>	<b>Panellists</b>	<b>Panellists</b>	<b>Keynote speaker</b>	<b>Panellists</b>	<b>Panellists</b>	<b>Panellists</b>	<b>Panellists</b>
Ms S'nenhlanhla Dlamini, South Africa, Ongoye High School	Prof Tateo Arimoto, Japan, Japan Science and Technology Agency	Dr Tanushri Kaul, International Centre for Genetic Engineering and Biotechnology, India	Ms Lauren Basson, South Africa, GreenCape Sector Development Agency	Dr George Owusu Essegbey, Ghana, Council for Scientific and Industrial Research	Mr Motlapele Morule, South Africa, Arable Parable Pty Ltd	Mr Ockert de Wet, South Africa, Accenture Strategy	Mr Pedro de Sampaio Nunes, Belgium, EUREKA Secretariat
Dr Bernie Fanaroff, South Africa, Square Kilometre Array South Africa	Dr Lidia Brito, Mozambique, United Nations Educational, Scientific and Cultural Organization	Prof Andre Pascal Kengne, Cameroon, South African Medical Research Council	Dr Minesh Bipath, South Africa, South African National Energy Development Institute	Dr Erika Kraemer-Mbula, South Africa, DST/NRF Centre of Excellence in	Mr Sandile Mahlangu, South Africa, Agricultural Research Council	Dr Josef Gochermann, Germany, Osnabrück University of Applied Science	Mr Barlow Manilal, South Africa, Technology Innovation Agency
Mr Olerato Mosiane, South Africa, Square Kilometre	Dame Anne Glover, United Kingdom, University of Aberdeen		Dr Inga Jacobs-Mata, South Africa, Council for Scientific and		Dr Jasper Rees, South Africa, Agricultural Research Council	Mrs Lebogang Ramafoko, South Africa, Soul City	Mr Francisco Marín Pérez, Spain, Centre for the Development of Industrial Technology
					Dr Palesa Sekhejane, South Africa, Human Sciences Research Council	Ms Puno Selesho, South Africa, Student	

Array South Africa  
 Mr Rea Nkhumise, South Africa, Square Kilometre Array South Africa  
 Prof Russ Taylor, South Africa, Inter-University Institute for Data Intensive Astronomy  
 Dr Serge Tshibangu, South Africa, Sol Plaatje University

Prof Julian Kinderlerer, South Africa, Cape Town University  
 Mr Imraan Patel, South Africa, Department of Science and Technology

Prof Vasey Mwaja, National Commission for Science, Technology and Innovation, Kenya  
 Dr Dennis Ndolo Obonyo, International Centre for Genetic Engineering and Biotechnology, South Africa

Industrial Research  
 Prof Pavel Kabat, Austria, International Institute for Applied Systems Analysis  
 Dr Najma Mohamed, South Africa, International Labour Organization  
 Dr Melanie Samson, South Africa, University of the Witwatersrand

Scientometrics, Science, Technology, and Innovation Policy  
 Dr Phil Mjwara, South Africa, Department of Science and Technology  
 Ms Anneline Morgan, Botswana, Southern African Development Community Secretariat  
 Dr Sacha Wunsch-Vincent, Switzerland, World Intellectual Property Organization

Ms Lesego Serolong, South Africa, Bokamoso Impact Investments

Ms Matsi Modise, South Africa, SIMODISA START UP  
 Mr McLean Sibanda, South Africa, The Innovation Hub

## SCIENCE TALKS

[Science Advice in Africa: Exploring Case Studies for Contextual Capacity Building](#)

[Igniting South Africa's Photonics Revolution](#)

[Smooth Seas Don't Make Skilful Sailors](#)

Time: 15:30 – 16:00	Time: 16:00 – 16:30	Time: 16:30 – 17:00
Venue: Onyx	Venue: Onyx	Venue: Onyx
<b>Presenters</b>  Mr Christian Acemah, Uganda, Uganda National Academy of Sciences  Dr Reneé Street, South Africa, South African Medical Research Council	<b>Presenter</b>  Dr Angela Dudley, South Africa, Council for Scientific and Industrial Research  Dr Darryl Naidoo, South Africa, Council for Scientific and Industrial Research	<b>Presenter</b>  Mr Ferdinand Grapperhaus, The Netherlands, Physee

**17:00 – 18:30  
DINNER RECEPTION**

Science talks, networking and exhibitions.

**17:10 – 17:40  
SCIENCE TALKS**

<u><b>Re-Visioning the African Development Path: Dealing with the 4th Industrial Revolution and SDGs</b></u>	<u><b>Anticipation in Africa – a Need or an Illusion?</b></u>	<u><b>Future Earth: Transformation Towards Sustainability</b></u>	<u><b>Mitigating School Dropout with Science</b></u>	<u><b>The African Light Source</b></u>	<u><b>Inspiring Environmental Consciousness in our Future Science Leaders: Lessons from GreenMatter</b></u>	<u><b>How can we protect communities whose indigenous knowledge could form the basis for commercial exploitation?</b></u>
Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Onyx	Venue: Jade
<b>Presenters</b>	<b>Presenters</b>	<b>Presenters</b>	<b>Presenter</b>	<b>Presenter</b>	<b>Presenter</b>	<b>Presenter</b>



Dr Chux Daniels, United Kingdom, University of Sussex  Prof Mammo Muchie, South Africa, Tshwane University of Technology	Prof Mihai Nadin, United States of America, University of Texas  Prof D Cristina Stefan, South Africa, African Paediatric Adolescent Oncology	Dr Luthando Dziba, South Africa, Council for Scientific and Industrial Research  Dr Jon Padgham, United States of America, Future Earth and START	Mr Enrico M Balli, Italy, Sissa Medialab	Prof Simon Connell, South Africa, University of Johannesburg	Dr Sibusiso Manzini, South Africa, GreenMatter	Prof Julian Kinderlerer, South Africa, Cape Town University
---	--	---	--	---	---	--

17:45 – 18:15  
SCIENCE TALKS

<b><u>100% Renewable Energy for South Africa</u></b>	<b><u>The Profound Effect of Technology on Society</u></b>	<b><u>A Global View of Industry 4.0: The Call for Frugal Innovation Solutions for the Digital Transformation – From Challenges to Opportunities</u></b>	<b><u>Skills for the Future: Are Scientists Ready?</u></b>	<b><u>Darwin’s Hunch: Science, Race and the Search for Human Origins</u></b>	<b><u>Break Through! Creative Ways of Reaching Diverse Audiences with Science</u></b>	<b><u>Decolonising the Academy: Any Implications for Science &amp; Research?</u></b>
Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Onyx	Venue: Jade
<b>Presenter</b>  Dr Tobias Bischof-Niemz, South Africa, Council for	<b>Presenter</b>  Mr Clifford de Wit, South Africa, Microsoft	<b>Presenters</b>  Dr Steve Ray, United States of	<b>Presenters</b>  Mr Michael Ellis, South Africa, South African	<b>Presenter</b>  Ms Christa Kuljian, South Africa,	<b>Presenter</b>  Mr Robert Inglis, South Africa, Jive Media Africa	<b>Presenter</b>  Mr Robert Kriger, South Africa, Heita

Scientific and Industrial Research		America, IMS International  Dr Christoph Runde, Germany, IMS International	Agency for Science and Technology Advancement  Ms Nozipho Gumbi, South Africa, University of South Africa	University of the Witwatersrand		Research Consultancy
------------------------------------	--	--	---	---------------------------------	--	----------------------

18:20 – 18:50  
**SCIENCE TALKS**

<u><a href="#">Living in The Times of the Anthropocene: Science Engagement Responsibilities</a></u>	<u><a href="#">Igniting Conversations about Science   Get involved!</a></u>	<u><a href="#">Data and Research Infrastructure Sharing for Improving African Innovation</a></u>	<u><a href="#">Digital Science Communication Colabs: How Science, Media and Publics Can Tell Interactive Science Stories Together</a></u>	<u><a href="#">Public Perceptions of Biotechnology in South Africa: Evidence from a National Survey</a></u>	<u><a href="#">Innovation to Transform the Health and Nutritional Status of Africa</a></u>	<u><a href="#">Future Thinking – A Few Things We Should Know About Tomorrow</a></u>
Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Onyx	Venue: Jade
<b>Presenter</b>  Dr Hester du Plessis, South Africa, Human Sciences Research Council	<b>Presenter</b>  Prof Thandi Mgwebi, South Africa, University of the Western Cape	<b>Presenter</b>  Prof Colin Wright, South Africa, Council for Scientific and Industrial Research	<b>Presenters</b>  Mr Paul Kennedy, South Africa, ScienceLink / SciBraai  Ms Anina Mumm, South Africa,	<b>Presenter</b>  Dr Michael Gastrow, South Africa, Human Sciences Research Council	<b>Presenters</b>  Dr Phiyani Lebea, South Africa, Council for Scientific and Industrial Research	<b>Presenter</b>  Dr Anthon Botha, South Africa, TechnoScene

ScienceLink /  
SciBraai

Prof Lugbenga  
Akinbajo Ben  
Ogunmoyela,  
Nigeria, Nigerian  
Institute of Food  
Science and  
Technology

19:00 – 21:00

### FameLab Regional Finals

FameLab is a communications competition designed to engage and entertain by breaking down science, technology and engineering concepts into three minute presentations. Contestants from around the world take part armed only with their wits and a few props – the result is an unpredictable, enlightening and exciting way to encourage your curiosity and find out about the latest research.

## Friday, 9 December 2016

07:30 – 09:00

### PRE-THIRD ROUND PARALLEL SESSION

#### Climate Induced Migration – Impacts on Our Urban Environments

Venue: Amber II

**Chair:** Ms Sakina Kamwendo, South Africa, SAfm

**Panellists:**

Ms Susanne Melde, Germany, International Organization for Migration

Ms Rashmi Mistry, South Africa, Oxfam South Africa

Minister Naledi Pandor, South Africa, Minister of Science and Technology

Ms Petra Sigrist, Switzerland, Federal Department of Foreign Affairs

Prof Marco Zupi, Italy, Centre for Studies in International Politics

09:00 – 10:30

## THIRD ROUND OF PARALLEL SESSIONS &amp; SCIENCE TALKS

## PARALLEL SESSIONS

<u><a href="#">Strengthening Africa's Innovation Ecosystem</a></u>	<u><a href="#">Supporting Africa's Commitments to Global and Regional Policy Frameworks</a></u>	<u><a href="#">Are Current Gender Programmes That Support Women Scientists Relevant in the 21st Century?</a></u>	<u><a href="#">Statues and Monuments in The South African Imagination</a></u>	<u><a href="#">Researcher Mobility: Diaspora Communities Supporting Early Career Researchers</a></u>	<u><a href="#">Cities, Innovation and Transformation</a></u>	<u><a href="#">Peace and Reconciliation: Global Lessons from South Africa's Social Science Laboratory</a></u>	<u><a href="#">How to Promote Photonics Industries in Africa</a></u>
Venue: Diamond	Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Jade	Venue: NRF
<b>Moderator:</b>  Dr Charles Kimpolo, Republic of Congo, African Institute for Mathematical Sciences  <b>Panellists</b>  Prof Bruce Basset, South Africa, African Institute for Mathematical	<b>Chair</b>  Dr Tracey Elliott, Italy/United Kingdom, InterAcademy Partnership  <b>Panellists</b>  Prof Robin Crewe, South Africa, Academy of Science of South Africa	<b>Chair</b>  Prof Jennifer Thomson, South Africa, Organization for Women in Science for the Developing World  <b>Panellists</b>  Prof Olubukola Babalola, South Africa, Organization	<b>Chair</b>  Dr Mathias Fubah Alubafi, South Africa, Human Sciences Research Council  <b>Panellist</b>  Dr Reason Beremauro, South Africa, University of South Africa	<b>Chair</b>  Prof Thandi Mgwebi, South Africa, University of the Western Cape  <b>Panellists</b>  Dr Christian Acemah, Uganda, African Science Academy	<b>Chair</b>  Prof Leslie Bank, South Africa, Human Sciences Research Council  <b>Panellist</b>  Dr Geci Karuri-Sabina, South Africa, SA Cities Network  Prof Alan Mabin, South	<b>Moderator</b>  Dr Gansen Pillay, South Africa, National Research Foundation  <b>Introduction</b>  Mr Robert Kriger, South Africa, Heita Research Consultancy  <b>Panellists</b>	<b>Moderator</b>  Dr Ndumiso Cingo, South Africa, Council for Scientific and Industrial Research  <b>Panellists</b>  Prof Andrew Forbes, South Africa, University of the Witwatersrand

Sciences South Africa Dr Bonolo Mathibela, South Africa, IBM Research Africa Mr Nkululeko Mthembu, South Africa, Durban Innovation Hub Ms Rachel Sibande, Malawi, mHub Malawi	Ms Anneline Morgan, Botswana, Southern African Development Community Secretariat Ms Jackie Olang, Kenya, Network of African Science Academies Prof Sameh Soror, Egypt, National Young Academy of Egypt	for Women in Science for the Developing World Dr Tonya Blowers, Italy, Organization for Women in Science for the Developing World Dr Naser Faruqui, Canada, International Development Research Centre Dr Nozipho Motsa, South Africa / Swaziland, University of Zululand	Mr Vuyani Gweki Booi, South Africa, University of Fort Hare Miss Josephine Malala, South Africa, University of South Africa Mrs Siphokazi Sambumbu, South Africa, University of the Western Cape	Development Initiative Mr Marcel Mballa-Ekobena, Kenya / Cameroon, Standard Bank Group Dr Moses Osiru, Uganda, Regional Universities Forum for Capacity Building in Agriculture	Africa, University of the Witwatersrand Ms Lucia Scoombee, South Africa, Elsevier	Deputy High Commissioner Peter Boxer, United Kingdom, High Commissioner of the United Kingdom to South Africa Dr Nina Butler, South Africa, Rhodes University Dr Ebrima Sall, The Gambia, Council for the Development of Social Science Research in Africa	Ms Nontombi Marule, South Africa, Department of Trade and Industry Ms Senisha Moonsamy, South Africa, Technology Innovation Agency Mr Delon Mudaly, South Africa, Council for Scientific and Industrial Research Prof Ahmadou Wague, Senegal, Université Cheikh Anta Diop
--	--	---	--	---	--	--	--

**SCIENCE TALKS**

<b><u>Open Science – Sharing Knowledge, Building Democracy</u></b>	<b><u>Watch the Space! Expanding Our Imaginations and Our World</u></b>	<b><u>Forum of Fora: Where Big Science Events are Pitched</u></b>
Time: 09:00 – 09:30	Time: 09:30 – 10:00	Time: 10:00 – 10:30

Venue: Onyx

**Presenter**

Prof Maria Fernanda Rollo, Portugal, Ministry of Science Technology and Higher Education

Venue: Onyx

**Presenter**

Dr Adriana Marais, South Africa, Foundation for Space Development SA

Venue: Onyx

**Chair**

Mr Aidan Gilligan

**Presenters**

Mr Gergely Bóhm, Hungary, World Science Forum

Dr Lidia Brito, Mozambique, CILAC – Latin American and Caribbean Open Science Forum

Mr François Davel, South Africa, SFSA2017

Ms Natsuko Kawazoe, Japan, Science Agora

Dr Julia MacKenzie, United States of America, American Association for the Advancement of Science

Dr Peter Tindemans, The Netherlands, ESOF 2018

10:30 – 11:00

**BREAK**

Tea/coffee and snacks. Networking and exhibitions.

11:00 – 12:30

**FOURTH ROUND OF PARALLEL SESSIONS**

**PARALLEL SESSIONS**

The Contribution

Experiences and Challenges

The Politics of Co-

Beyond the Rainbow

International Networking

Building the African City of

Intellectual Property: An

The Impact of Fuel Cell

Enhancing the Role of

<u>of Science Diplomacy to Africa's Development</u>	<u>in Setting Up Trilateral Cooperation</u>	<u>Producing Scientific Evidence</u>	<u>Nation: New Narratives on Race, Class and Social Cohesion in South Africa</u>	<u>Opportunities for African Young Scientists: A case study of the Lindau Nobel Laureate Meetings</u>	<u>the Future</u>	<u>Enabling Tool for Development</u>	<u>Technologies on the South African Economy</u>	<u>Women-owned SMMEs in Innovation</u>
Venue: Diamond	Venue: Ruby	Venue: Emerald	Venue: Amber I	Venue: Amber II	Venue: Crystal/Garnet	Venue: Jade	Venue: NRF	Venue: NRF
<b>Chair</b> Dr Julia MacKenzie, United States of America, American Association for the Advancement of Science <b>Panellists</b> Dr Bernie Fanaroff, South Africa, Square Kilometre Array South Africa Dr Heide Hackmann,	<b>Moderator</b> Mrs Mmampei Chaba, South Africa, Department of Science and Technology <b>Panellists</b> Dr Claude-Anne Gauthier, France, Institut de Recherche pour le Développement Prof Cheikh Bécaye Gaye, Senegal, Senegalese Ministry of Higher	<b>Chair</b> Dr Shanil Haricharan, South Africa, National Treasury <b>Panellists</b> Ms Harsha Dayal, South Africa, Presidency of South Africa Ms Bongiwe Kheswa, South Africa, Department of Science and Technology	<b>Chair</b> Dr Sarah Chiumbu, South Africa, Human Sciences Research Council <b>Panellists</b> Ms Ragi Bashonga, South Africa, Human Sciences Research Council Ms Tinyiko Chauke, South Africa, Human Sciences	<b>Moderator</b> Prof Roseanne Diab, South Africa, Academy of Science of South Africa <b>Panellists</b> Prof Berhanu Molla Abegaz, Kenya, African Academy of Science Dr Mohlopheni Jackson Marakalala, South Africa,	<b>Chair</b> Prof Cristina Trois, South Africa, University of KwaZulu-Natal <b>Panellists</b> Dr Rudi Kimmie, South Africa, University of KwaZulu-Natal Prof WK Kupolati, South Africa, Tshwane University of Technology	<b>Chair</b> Dr Kerry Faul, South Africa, National Intellectual Property Management Office <b>Panellists</b> Prof Shamnad Basheer, India, SpicyIP Ms Jennifer Brant, Switzerland, Innovation Insights Ms Naana Halm, South Africa,	<b>Chair</b> Mrs Fahmida Smith, South Africa, Implats <b>Panellists</b> Dr Kerry-Anne Adamson, United Kingdom, 4th Energy Wave Mrs Anthea Bath, South Africa, Sibanye Dr Cosmas Chiteme, South Africa,	<b>Moderator</b> Adv Pria Hassan, South Africa, Women of Africa <b>Panellists</b> Ms Nosipho Khonkwane, South Africa, Small Enterprise Development Agency Ms Nneile Nkholise, South Africa, iMED Tech Group

South Africa / Germany, International Council for Science	Education and Research	Mr Laurenz Langer, South Africa, University of Johannesburg and University College London	Research Council	University of Cape Town	Mr Antonio Blanco Montero, South Africa, University of KwaZulu-Natal	University of Witwatersrand	Department of Science and Technology	Ms Yolandi Schoeman, South Africa, Baoberry; Innovation: aWetbox
Prof Pavel Kabat, Austria, International Institute for Applied Systems Analysis	Dr Deborah Goffner, France, National Center for Scientific Research	Ms Precious Mocha, South Africa, Africa Evidence Network	Mr Molemo Ramphalile, South Africa, University of the Witwatersrand	Dr Catherine Kegakilwe Koofhethile, South Africa, University of KwaZulu-Natal	Prof Randhir Rawatlal, South Africa, University of KwaZulu-Natal	Dr Lee-Ann Tong, South Africa, University of Cape Town	Mrs Tshepiso Kadiaka, South Africa, Department of Trade and Industry	Ms Sheila Storey, South Africa, Nema Bio
Ms Anita Loots, South Africa, African VLBI Network (AVN) consortium	Prof Mokhtar Sella Sellami, Algeria, La Direction Générale de la Recherche Scientifique et du Développement Technologique	Prof Ruth Stewart, South Africa, University of Johannesburg		Dr Banothile Makhubela, South Africa, University of Johannesburg	Prof Anne Stark, South Africa, University of KwaZulu-Natal		Ms Monique Mathys-Graaff, South Africa, Public Investment Corporation	Ms Larissa Uwase, Rwanda, Carl Group
Dr Khotso Mokhele, South Africa, Department of Science and Technology	Dr Aldo Stroebel, South Africa, National Research Foundation			Prof Nelson Torto, Botswana, Botswana Institute for Technology Research and Innovation			Mr Eric Strayer, United States of America, Doosan Fuel Cells	Ms Louise Williamson, South Africa, Mashsha Stoves
Mr Koji Omi, Japan, STS Forum								





12:30 – 13:30

**LUNCH**

Networking and exhibitions.

13:30 – 15:00

**PLENARY PANEL DISCUSSION**

**Innovation Policy for Transformative Change: Towards a new White Paper for Science and Technology in South Africa**

**Moderator:** Mr Richard Hudson, Belgium, Science Business

**Introduction:** *Towards a new White Paper.* Dr Phil Mjwara, South Africa, Department of Science and Technology

**Panellists:**

Dr Azzar Jammine, South Africa, @EconometrixZA

Ms Zanele Monnakgotla, South Africa, Industrial Development Corporation

Prof Tebello Nyokong, South Africa, Rhodes University

Prof Maria Fernanda Rollo, Portugal, Ministry of Science Technology and Higher Education

Dr Peter Tindemans, The Netherlands, EuroScience

15:00 – 15:30

**BREAK**

Tea/coffee and snacks. Networking and exhibitions.

15:30 – 17:00

**CLOSING PLENARY SESSION**

**Chair:** Dr Molapo Qhobela, South Africa, National Research Foundation

**2016 Science Forum South Africa Science Diplomacy Awards**

**Conferrer:** Minister Naledi Pandor, South Africa, Minister of Science and Technology

**Key messages from Science Forum South Africa 2016:**

**Introduced by SFSa 2016 Rapporteur,** Dr Angela Parry-Hanson Kunadu, University of Ghana, African Women in Agriculture Research and Development (AWARD) Fellow

**Panel discussion**

**Moderator:** Dr Molapo Qhobela, South Africa, National Research Foundation

Dr Lidia Brito, Mozambique, United Nation Educational, Scientific and Cultural Organisation

Prof Anne Glover, United Kingdom, University of Aberdeen

Mr Koji Omi, STS Forum, Japan

Dr Ebrima Sall, The Gambia, Council for the Development of Social Science Research in Africa

Minister Elioda Tumwesingye, Uganda, Minister of Science, Technology and Innovation of Uganda

**Closing Address by Forum Host:** Minister Naledi Pandor, South Africa, Minister of Science and Technology

17:00 – 20:00

**AN AFRICAN EVENING**

An African barbeque and story-telling experience.