

SCIENCE FORUM SOUTH AFRICA 2021

Hosted at the CSIR International Convention Centre and on the SFSA 2021 Digital Platform

Wednesday 1 December 2021

09:00 – 10:30 *Igniting conversations about science – Round 1*

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
Advancing women in ISTEM in Africa (DSI AMC)	Nanoscience and nanotechnology for the SDGs (UNISA)	Skills for Pandemics: Specialized research areas to be prioritized (NSTF)	COVID-19 vaccination landscape in Africa (Suez University)	Plant-based platform for Africa's health revolution (AERAP)	Public-Private Partnerships for Science Infrastructure (DSI GP)	Inclusive sustainable development with respect (DSI Tokyo)	Global navigation satellite system partnerships (China Embassy)

11:30 – 12:45 *SFSA 2021 Official Opening - Launch of the DSI Annual Report*

11:30	Welcome Remarks by the Minister of Higher Education, Science and Innovation, Dr Blade Nzimande
11:35	Presentation on the Annual Report by the Director-General of Science and Innovation, Dr Phil Mjwara
11:50	Crossing to KRISP Lab at UKZN to talk to Dr Tulio de Olivera about the working involving detecting the Beta variant and completing the sequencing of 10 000 genomes.

11:55	Keynote speaker, Dr Martin Friede on mRNA Technology Transfer Initiative
12:05	Panel discussion <ul style="list-style-type: none"> • Dr Thulani Dlamini, CEO: CSIR • Dr Lawrence Banks, Director-General of the ICGEB • Dr Val Munsami, CEO: SANSA • Dr Shamila Nair-Bedouelle, Assistant Director General, UNESCO • Daniel Ndimba, CEO: CapeBio
12:25	Audience Q&A
12:40	Closing remarks by the Deputy Minister of Higher Education, Science and Innovation, Mr Buti Manamela

12:45 Lunch reception for participants attending at the CSIR International Convention Centre

13:30 - 15:00 *Igniting conversations about science - Round 2*

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
African Open Science Platform (NRF / DSI MC)	Smart, green and sustainable transport partnerships (China Embassy)	Skills for Pandemics: Monitoring, modelling and communication (NSTF)	Health systems and innovation in Sub-Saharan Africa (University of Nigeria)	Innovation Bridge Digital Start-up Community (CSIR / DSI MC)	Innovation partnerships for building resilience (DSI GP)	Science relevant for all humanity (AERAP)	Waste and climate change: A look at future ecosystems (UKZN)

15:30 – 17:00 *Igniting conversations about science – Round 3*

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
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Global science collaboration and Africa (CNRS)	Cross-incubation partnerships in agritech (Brazil Embassy)	STI and the District Development Model (DSI SEIP)	Strengthen pandemic preparedness: knowledge transfer (JRC)	Bio-baking for collaborative science (AERAP)	South Africa's Hydrogen Economy: what next (DSI GP)	Reconsidering the roots of social anxiety (JST Japan)	Innovation in tourism post COVID-19 (THENSA)
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17:15 Networking reception for participants attending at CSIR International Convention Centre

Thursday 2 December 2021

09:00 – 10:30 *Igniting conversations about science – Round 4*

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
South Africa and 4th Industrial Revolution governance (CSIR)	Engaging global publics (BMBF Germany)	Africa-Japan environmental science collaboration (JST Japan)	Biotech in Agriculture: Genome editing (ICGEB)	Support for underserved MSMEs (World Bank)	Transformative Innovation Policy: perspectives from South Africa (HSRC)	New perspectives on government science advice (SCICOM)	From Toilet to Sea: to ensure safe water (RCN Norway)

11:00 – 12:30 *Igniting conversations about science – Round 5*

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
Launch of WAITRO Africa partnership (CSIR)	South Africa Ireland Technology Challenge	African perspectives on the Fourth Industrial	Biotech in Agriculture: Plant	Early Career Development in post-PhD in Africa (UP)	Climate research priorities after COP-26	STI to enhance service delivery (SACNASP)	Agriculture partnerships for food justice (F'SAGRI)

	(Ireland Embassy)	Revolution (MISTRA)	microbiomes (ICGEB)		(Science Business)		
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12:45 Lunch reception to mark the launch of the CSIR ICC Science Diplomacy Platform

13:30 – 15:00 Igniting conversations about science - Round 6

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
Delivering on Agenda 2063 through STI (CSIR / AUDA-NEPAD)	New smart cities under the spotlight (UFS)	Africa-EU partnership for global health (EDCTP)	Strengthening Agrifood Systems for Food Policy (UK High Commission)	Reducing the Precarity of Academic Research Careers (DSI RDI)	The role for Africa in data regulations globally (AERAP)	Climate change and environmental sustainability (Spain Embassy)	Scourge of predatory journals in academia (ASSAf)

15:30 – 17:00 Igniting conversations about science – Round 7

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
Advancing Africa's Astronomy Agenda (AfAS)	BRICS STI cooperation responding COVID-19 (MRC)	SADC Engineering Needs and Numbers (DSI MC)	Water Science and Policy Making and Green Transition in Africa (JRC)	Entrepreneurs for social impact innovation (Team Europe)	Open science for sustainable development (IP Chair UCT)	Data analytics and AI for a novel approach to combat GBV (UJ)	South Africa's critical skills requirements (Chambers of Commerce)

Friday 3 December 2021

09:00 – 12:00 SFSA 2021 Ministerial Plenary: Integrating the Humanities and Social Sciences into the COVID-19 response

Time	Moderator: Mr. Ashwell Jenneker, Deputy Director-General: Statistical Operations and Provincial Coordination, Statistics South Africa
09:00	Scene Setting Prof. Yonah Seleti, Acting Deputy Director-General: Research Development & Support, Department of Science & Innovation (DSI)
09:10	Welcome Dr Phil Mjwara, Director-General, DSI Dr Blade Nzimande, Minister of Higher Education, Science and Innovation
09:20	Data-Driven Decision Making in the Pandemic and Vaccination Rollout Times: Perspectives from the National Policy Data Observatory Dr Jabu Mtsweni, Manager: Information and Cyber Security Research Centre, Council for Scientific and Industrial Research (CSIR)
09:35	National Institute for the Humanities and the Social Sciences (NIHSS) COVID-19 Research Prof. Sarah Mosoetsa, CEO of the NIHSS
09:50	South African Population Research Infrastructure Network (SAPRIN) Dr Kobus Herbst, Director of SAPRIN, and Prof. Mark Collinson, Co-Director of SAPRIN
10:00	Public Opinion Research on Vaccine Acceptance and Hesitancy: Proposals to Overcome Vaccine Rollout Challenges in South Africa Prof. Narnia Bohler-Muller, Acting Group Executive: Shared Services & Divisional Executive: Developmental, Capable and Ethical State, Human Sciences Research Council (HSRC)
10:10	National Income Dynamics Study - Coronavirus Rapid Mobile Survey (NIDS-CRAM) Prof. Reza Daniels, School of Economics, University of Cape Town
10:25	Centre of Excellence in Food Security Prof. Julian May, Director: CoE in Food Security, University of the Western Cape
10:35	Centre of Excellence in Human Development Prof. Shane Norris, Director: CoE in Human Development, University of the Witwatersrand
10:45	South African COVID-19 Vulnerability Index Dashboard & Migration and Urbanisation with a Cross-Cutting Emphasis on COVID-19 Mr. Diego Iturralde, Chief Director: Demography, Statistics South Africa

11:05	Academy of Science of South Africa's (ASSAf) response to COVID-19 Prof. Himla Soodyall, Executive Officer: ASSAf
11:15	Human Behavior and COVID-19 Prof. Priscilla Reddy, Center for Critical Research on Race and Identity, University of KwaZulu-Natal (UKZN)
11:25	Open Discussion: Q&A Facilitated by Prof. Erika Kraemer-Mbula, University of Johannesburg, and Prof. Leickness Simbayi, Acting CEO: HSRC
12:00	Closure Mr. Buti Manamela, Deputy Minister of Higher Education, Science and Innovation

12:15 – 13:00 *SFSA 2021 Closing and Announcing the World Science Forum 2022 in Cape Town*

Moving from SFSA 2021 to World Science Forum 2022: Science for Social Justice – Messages from the WSF 2020 Partners
