

3RD WORLDWIDE MEETING OF NATIONAL YOUNG ACADEMIES

One health – health and development in the context of an
urbanising planet and implications for science policy



20 – 21 July 2017

Birchwood Hotel & OR Tambo Conference Centre,
Boksburg, South Africa



PROGRAMME



20 July 2017



Venue: Candlewood

Session 1: Opening Ceremony

Facilitator: Dr Karen Cloete, South African Young Academy of Science (SAYAS) Co-Chair, Researcher, Material Research Department, iThemba Labs

07:30 – 08:00	Arrival and Registration
08:00 – 08:05	Welcome Dr Karen Cloete, SAYAS Co-Chair
08:05 – 08:20	Opening Remarks Dr Beate Wagner, Managing Director, Global Young Academy (GYA), Prof Moritz Riede, GYA Co-Chair, Associate Professor, Department of Physics, University of Oxford, UK (GYA)
08:20 – 08:45	Keynote Address Prof Robin Crewe, Immediate Past-President of the Network of African Science Academies (NASAC), Fellow of the Academy of Science of the Developing World (TWAS), Fellow of the African Academy of Science (AAS), Africa Science Leadership Programme (ASLP) Advisory Board
08:50 – 10:00	National Young Academies of Science (NYAS) Presentations Facilitator: Dr Samuel Sojnu, GYA ExCo Member Presentations
08:50 – 09:00	Azerbaijan – Young Scientists and Specialists Council of Azerbaijan National Academy of Sciences
09:00 – 09:10	Germany – Die Junge Akademie
09:10 – 09:20	Poland – Polish Young Academy
09:20 – 09:30	Sri Lanka – Sri Lankan Academy of Young Scientists
09:30 – 09:40	Sweden – Young Academy of Sweden
09:40 – 09:50	South Africa – South African Young Academy of Science
09:50 – 10:00	Short Discussion
10:00 – 10:05	Group Photograph
10:05 – 10:30	Tea Break

Session 2: Oral Presentations

Theme 1: The Role of National Young Academies of Science (NYAS) as a Mechanism for National Implementation, Capacity Building and Policy Setting in Respect of Sustainable Development Goals (SDGs) 3, 8 & 11

Facilitator: Dr Tracey Elliott, Project Director, InterAcademy Partnership (IAP)

10:35 – 10:50	Prof Monika Kedra, Polish Young Academy Title: Science and Health: Shaping Policy through the Bottom-up Approach – Example from the Polish Young Academy Experience
10:50 – 11:05	Dr Chai Lay Ching, Young Scientists Network – Academy of Sciences Malaysia Title: The Emerging Role of the Young Scientist Network – Academy of Sciences Malaysia in Bridging Science and Policy in Malaysia
11:05 – 11:20	Dr Nozima Muratova, Council of Young Scientists in Uzbekistan Title: Women and Scientific Capacity Building to reach SDGs in Uzbekistan
11:20 – 11:45	Discussion

Theme 2: The Potential for Young Scientists to Harness Technology and Innovation Towards Achieving SDGs 3, 8 & 11

Facilitator: Prof Binyam Sisay Mendisu, Programme Officer for Teacher Education and Curriculum Development, UNESCO, International Institute for Capacity Building in Africa (IICBA) Member of GYA and Ethiopian Young Academy of Science

11:55 – 12:10	Dr Robinson Musembi, Kenya National Young Academy of Science Title: The Potential for Young Scientist to Harness Technology and Innovation towards Achieving SDGs 3, 8 and 11
12:10 – 12:25	Ms Ang Jia Cong, UN-Habitat, Urban Planning and Design Branch, Kenya Title: Forward Thinking Humanitarian Response in Urban Contexts: Case Study of the Local Advisory Kalobeyei New Settlement Spatial Plan in Turkana County, Kenya
12:25 – 12:40	Prof Collet Dandara, The World Academy of Sciences – The Young Affiliates Network, South Africa Title: Genomics Making Drug Treatments Better: A Focus on HIV/TB Therapy
12:40 – 13:10	Discussion
13.10 – 14.00	Lunch



Session 3: Breakout Session

Facilitator: Dr Moritz Riede, GYA Co-Chair

14:00 – 14:05	Introduction
14:05 – 14:35	Breakout Session 1 Theme: Young Academies: Activities, Opportunities, Barriers and their Future Impact
14:35 – 15:05	Breakout Session 2 Theme: Innovative Methods to Increase Collaboration and Networking between NYAS
15:05 – 15:45	Report to Plenary & Discussion
15:45 – 16:15	Tea Break

Session 4: Discussion

Theme: Gender Equity in NYAS

Sponsored by: Organisation for Women in Science for the Developing World – South Africa National Chapter (OWSD-SANC)

Facilitators: (1) Ms Dorothy Ngila, OWSD ExCo, Project Specialist, National Research Foundation
(2) Dr Palesa Sekhejane, OWSD Member, Research Specialist – Sustainable Development, Human Science Research Council

16:15 – 16:50	Discussion
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Venue: Candlewood

Session 5: Poster Presentations

16:50 – 17:30	Mr Andris Freimanis, Association of Latvian Young Scientists Title: Latvian Experience in Bridging the Gaps between Science, Policy, Industry and Society
	Dr Tran Huy, Vietnam Young Academy Title: The Role of Vietnamese Young Scholars for the One Health Approach in Vietnam
	Ms Chanel Rampartap, OLSPS Marine, Sustainable Oceans Alliance and UN MGCY Title: A Discussion at the Interface of Built & Natural Environments: Coastal Cities & Impact of Resource Consumption on Urban Health

	Dr Merritt Turetsky, College of New Scholars, Scientists, and Artists, Canada Title: Emerging Research to Meet Canada's Challenges in Food and Water Security under Urbanisation and Rapid Climate Change
	Mr Shaikh Rafique, National Academy of Young Scientists, Pakistan Title: Major Challenges of Clinical Waste Management in Pakistan
	Dr Vidushi Neergheen-Bhujun, Initiating Young Academy, Mauritius Title: Evidence-based Approaches for Integrating African Indigenous Food for the Promotion of Well-being
	Dr Connie Nshemereirwe, Uganda National Young Academy Title: Equipping Young African Scientists with Leadership Skills: The Africa Science Leadership Programme
	Dr Ayman Elsayed, Egyptian Young Academy of Science Title: Shape Memory Alloys for Medical Applications
	Dr Chau de Ming, Young Scientists Network, Academy of Sciences, Malaysia Title: Building Trust and Relevance in Science through the Promotion of Responsible Conduct of Research in Malaysia
	Mr David Niyikuri, Burundi Council of Young Scientists Title: Human Migration and HIV-1 Transmission in East Africa Community
	Dr Patrick Arthur, Ghana Young Academy Title: New Anti-mycobacterial Compounds from Wood Decaying Fungi in Ghana

Venue: Boma House

Session 6

Meeting Dinner

Host: Dr Sahal Yacoob, SAYAS Co-Chair, Lecturer, Department of Physics, University of Cape Town

18:00 – 18:05	Welcome Dr Sahal Yacoob, SAYAS Co-Chair Prof Moritz Riede, GYA Co-Chair
18:05 – 18:25	UN MGCY Presentation Mr Donovan Guttieres, Focal Point Youth Science–Policy Interface UN Major Group for Children and Youth (UN MGCY)
18:25 – 18:45	Launch of Global State of Young Scientists (GloSYS) Africa Survey Dr Anna Coussens, GYA ExCo Member
18:45 – 21:00	Conference Dinner



21 July 2017

Venue: Candlewood

Session 7

Regional Breakouts

Facilitator: Dr Karen Cloete, SAYAS Co-Chair

08:00 – 08:10	Welcome & Recap
08:10 – 09:15	Breakout Session Focus: Explore Regional Collaboration Building on Previous Regional Meeting Discussions and Discussions from the 2 nd WWMYA in Sweden
09:15 – 10:00	Report to Plenary & Discussion
10:00 – 10:30	Tea Break

Session 8: Open Discussion & Action Plans

Facilitators: (1) Dr Moritz Riede, GYA Co-Chair

(2) Dr Tracey Elliott, IAP

10:30 – 11:00	Focus on Science Leadership: The Role of Young Academies
11:00 – 11:30	Focus: NYAS Impacting on Policymaking 1 Overview of two IAP Projects on Global SDGs and Regional Policymaking (Focus on Africa) 2 Policy Implementation of SDGs
11:30 – 12:00	Discussion Closing
12:00 – 13:00	Early Lunch

Venue: African School for Excellence, Tsakane

Session 9

Science Outreach & Engagement

Facilitators: Mr Robert Inglis and Miss Marvellous Khumalo, Jive Media

13:00 – 13:50	Departure from Birchwood Hotel
13:50 – 14:00	Arrival & Set-up
14:00 – 15:00	Short Introduction Science-based Activities/Experiment & Lesson Activity 1 Activity 2
15:00 – 15:20	Interactive Session on Demystifying Science & Subject Choice/Career Choices
15:20 – 15:50	Q&A
15:50 – 16:00	Short Interaction and Refreshments Departure

Venue: Phomolong

Session 10

Informal Dinner

21:00	Conference Closure
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