

## African Science Communication Conference Programme

Day	Time	Activity
<b>Monday, 4 Dec '06</b>	17:00	Busses collect delegates at accommodation
	17:30	Registration starts Welcoming event at Bayworld
	20:30	Busses depart from Bayworld to accommodation
<b>Tuesday, 5 Dec '06</b>	08:30	<b>Coffee/Tea &amp; registration</b>
		<b>Programme Director: Beverley Damonse, Executive Director, SAASTA</b>
	09:05	<b>Science Communication: A storytelling</b> <i>(Ubom! Drama Company)</i>
	09:15	<b>Welcome</b> <i>(Beverley Damonse, SAASTA)</i>
	09:20	<b>The role of science communication in building research human capital</b> <i>(Prof Mzamo P. Mangaliso, President, National Research Foundation)</i>
	09:32	<b>Science literacy and communication in India: Strategy and results</b> <i>(Sudeep Banerjee, Ministry of Human Resources &amp; Development, India)</i>
	09:55	<b>Keynote Address by the Minister of Science &amp; Technology, Mr Mosibudi Mangena</b>
	10:30	<b>Refreshment break</b>
	11:00	<b><u>Parallel Session One</u></b>
		<b>Break-away 1: Academic / Theory</b> <b>Session Chair: Andrea Bandelli, ASCC Programme Coordinator</b> <ul style="list-style-type: none"> <li>• Interactive communication with specific target groups <i>(Alfred Wald, Netherlands Organisation for Scientific Research (NWO))</i></li> <li>• Propagation of scientific ideas: Extrinsic and intrinsic factors <i>(Gauhar Raza, Jahangirabad Media Institute, India)</i></li> </ul>

- Examining the practical aspects of communication between researchers and policy makers in Kenya  
(*Geoffrey Lairumbi, Kenya Medical Research Institute*)
- Science communication: Notes toward an intellectual agenda - why and how to shun generic isolationism  
(*Piyush Mathur, Abti-American University of Nigeria*)

**Discussion follows**

### **Break-away 2: IKS & education**

**Session Chair: Jabu Nukeri, South African Agency for Science & Technology Advancement**

- Relevancy and Indigenous Knowledge, keys to education & scientific literacy  
(*Terry Hutter, Coalition for Educational and Scientific Literacy Assistance, USA*)
- Worldviews, science and the role of Indigenous Knowledge Systems in the curriculum  
(*Lyn Haynes, Commonwealth Association for Science, Technology and Mathematics Educators, UK*)
- Innovative ideas to sharing science with African communities  
(*Perdita Chenjela, Bible Society of Zambia*)
- The role of language and literacy to effectively communicate science to the South African youth  
(*Maritha Snyman, University of Pretoria, South Africa*)
- Poster: A case study – pilot winter school for biosystematics students  
(*Vanessa Rouhani, South African Institute for Aquatic Biodiversity*)

**Discussion follows**

### **Break-away 3: Journalism**

**Session Chair: Christina Scott, SciDev.Net**

- Communicating science in grant writing  
(*Riana Coetsee, Stellenbosch University, South Africa*)
- Scientist – journalist conflict: A barrier to science communication  
(*Manoj Patairiya, National Council for Science & Technology Communication, India*)
- Professionalising science journalism in Africa  
(*Diran Onifade, World Federation of Science Journalists, Nigeria*)
- Science and the media: How the divide can be bridged  
(*George Claassen, Die Burger daily newspaper, South Africa*)

**Discussion follows**

13:00

**LUNCH**

**Break-away 4: Scientists and outreach****Session Chair: Shadrack Mahapa, South African Agency for Science & Technology Advancement**

- Scientific communication in Botswana: A review of methods of how scientists interact with the public  
*(Never Tshabang, University of Botswana)*
- The flow of physics knowledge from the laboratory to members of the public  
*(Olumuyiwa O. Oke, Ladoko Akintola University of Technology, Nigeria)*
- Ellerman Resource Centre: Communicating science in a balanced way  
*(Natasha Kruger, University of Stellenbosch, South Africa)*

***Discussion follows*****Break-away 5: Dialogue & participation****Session Chair: Bernadette Snow, African Coelacanth Ecosystem Programme**

- Encouraging dialogue in science communication in African communities  
*(Jared C. Ogunde, Scientific Advisory & Information Network, Kenya)*
- Infusion of science & technology from ground-up: A decade's experience accumulated in Lesotho (1996 – 2006)  
*(Sekoja Phakisi, Appropriate Technology Services, Lesotho)*
- Citizen participation in the understanding of science & technology – a novel approach  
*(Perumal Samy Navaraj, Yadava College, India )*

***Discussion follows*****Break-away 6: African Issues I****Session Chair: Valerie Corfield, SA Medical Research Council/University of Stellenbosch**

- A step towards effective communication of HIV/AIDS related information  
*(Surjit Singh, National Institute of Science, Technology and Development Studies, India)*
- Scorched: South Africa's changing climate (WUP, 2006) – the fruit of a capacity building collaboration between a journalism department and a science department  
*(Leonie Skene Joubert, Freelance Journalist, South Africa)*
- Young people's thinking on cloning and other controversial socio-scientific issues  
*(Lyn Haynes, Commonwealth Association for Science, Technology and*

15:30 **Refreshment break**

**Featuring:**

~ A party with a twist: hands-on, minds-on science communication.  
So...put on your party clothes, come *jo!* and meet HIV, the gate-crasher at this party, and get a take-home message you won't forget!  
(Valerie Corfield, SA Medical Research Council/University of Stellenbosch)

16:00

**Parallel Session Three**

**Break-away 7: Biotech debate**

**Session Chair: Andrea Bandelli, ASCC Programme Coordinator**

- Modern biotechnology: Communicate... and regulate  
(Debbie Collier, University of Cape Town, South Africa)
- The contribution of the awareness campaign of the African leafy vegetables project to nutrition behaviour change among the Kenyan urban population: The case of Nairobi  
(Elizabeth Obel-Lawson, International Plant Genetic Resources Institute, Kenya)
- Public debate on GM technology via print news media in southern Africa: The case of GM maize in South Africa and Zimbabwe (2000-2005)  
(Pascal N. Mwale, University of the Witwatersrand, South Africa)
- Using effective communication to enhance forestry research: The Institute for Commercial Forestry Research (ICFR) as a case study  
(Sally Upfold, Institute for Commercial Forestry Research, South Africa)
- Poster: Jargon made easy  
(Carol Xulu, Public Understanding of Biotechnology Programme, South Africa)

**Discussion follows**

**Break-away 8: Innovative approaches & research centres**

**Session Chair: Jabu Nukeri, South African Agency for Science & Technology Advancement**

- Community engagement at a busy biomedical research centre in Kenya  
(Dorcas Kamuya, KEMRI Wellcome Research Programme, Kenya)
- A model facility-based mentoring in science and public health communication for journalists in Nigeria  
(Akin Jimoh, Development Communications Network, Nigeria)
- Working with education: The limbovane Outreach Project  
(Kirsten Mahood, University of Stellenbosch, South Africa)

**Discussion follows**

**Break-away 9: ICT & poster presentations**

**Session Chair: Hendra van Zyl, Medical Research Council**

- The role of ICT in poverty alleviation  
(Joseph K. Ssewanyana, Makerere University Business School, Uganda)
- Poster: A case study on the adoption of ICTs in a rural area in South Africa  
(Lorenzo Dalvit, Rhodes University, South Africa)
- Poster: ICTs and sustainable community development  
(Zandi Lesame, University of South Africa)
- Poster: Information and communication technology for Southern Africa  
(Marike Myburgh, Agribusiness in Natural African Plant Products, South Africa)
- Poster: Digital age  
(Nurudean N. Ssempe, Agency for Science & Technology Advancement, Uganda)

**Discussion follows**

**Break-away 10: Workshop**

**Introduction: Bafedile Kgwadi**

- ♣ Introducing the CIE & ASE technical handbook for science educators  
(Lyn Haynes, Commonwealth Association for Science, Technology and Mathematics Educators, UK)
- ♣ Efficient and cost-effective science communication: 10 simple paper activities  
(Shadrack Mahapa & Bafedile Kgwadi, South African Agency for Science & Technology Advancement)

17:30 **End of Day One**

**Delegates can enjoy free time – explore the *Friendly City!***

**Wednesday,  
6 Dec '06**

08:30 **Coffee/Tea**

**Plenary Session Programme Director: Beverley Damonse, SAASTA**

09:00 **Plenary session starts**

09:05 **Development and science communication with a particular focus on mathematics**

(Mamokgeti Setati, University of the Witwatersrand, South Africa)

09:30 **Science literacy and the involvement of scientists**

(Ahmadou Wague, Universite Cheikh Anta Diop de DaKar, Senegal)

**Break-away 11: Policy making****Session Chair: Beverley Damonse, South African Agency for Science & Technology Advancement**

- Impacts of land-use change on the water quality of the main source of pipeborne water for Kumasi, Ghana  
(*Tyhra C. Kumasi, Kwame Nkrumah University of Science & Technology, Ghana*)
- The role of communication in decision-making and governance  
(*Hanlie Hattingh, Council for Scientific & Industrial Research, South Africa*)
- People's attitudes towards river conservation in the Buffalo River catchment – a pilot study  
(*Wilma Strydom, Council for Scientific & Industrial Research, South Africa*)
- Old paradigms in a changing world: Imperatives for new approaches in science communication in rural Zimbabwe  
(*Stenford Matenda, National University of Science & Technology, Zimbabwe*)

***Discussion follows*****Break-away 12: Innovative approaches****Session Chair: Penny Haworth, South African Institute for Aquatic Biodiversity**

- Tools to enhance scientific temperament offered by Nature  
(*Chandra M. Nautiyal, Birbal Sahni Institute of Palaeobotany, India*)
- All aboard! Hands-on science communication  
(*Karen Binning, African Coelacanth Ecosystem Programme, South Africa*)
- Parent-run science clubs: A case study at Nooitgedacht Primary School  
(*Laurie Butgerei, Meraka Institute, South Africa*)
- A family science framework as a tool to popularise science among learners and the community  
(*Thapelo Mamiala, Nelson Mandela Metropolitan University, South Africa*)

***Discussion follows*****Break-away 13: Innovative approaches & careers****Session Chair: Kevin Govender, South African Astronomical Observatory**

- Are scientists, engineers & technologists born or can we nurture them?  
(*Ron Beyers, Meraka Institute, South Africa*)
- Science camps as vehicles for science communication  
(*Sivuyile Manxoyi, South African Astronomical Observatory*)

- Communicating science careers – let the light shine through!  
(Ginny Stone, *iThemba Labs, South Africa*)

**Discussion follows**

11:30 **Refreshment break**

12:00

### **Parallel Session Five**

#### **Break-away 14: Scientists involved**

**Session Chair: Maritha Snyman, University of Pretoria**

- Ocean innovations: Science communication for all  
(Bernadette Snow, *African Coelacanth Ecosystem Programme, South Africa*)
- Healing the rift: A WHO communication training programme for scientists working with drug safety and surveillance  
(Adele Baleta, *Freelance Journalist, South Africa*)
- Let us walk together: A community development model in Kuils River, South Africa  
(Ethelwynn L. Stellenberg, *Stellenbosch University, South Africa*)

**Discussion follows**

#### **Break-away 15: African Issues II**

**Session Chair: Reidwaan Wookay, National Research Foundation**

- Science communication strategies: Using the unique African selling point  
(Chandra M. Nautiyal, *Birbal Sahni Institute of Palaeobotany, India*)
- An epistemological understanding of science communication  
(Hester du Plessis, *University of Johannesburg, South Africa*)
- Major contributions of Black people in the development of the global pool of knowledge in science, technology & engineering  
(Sibusiso Manzini, *Department of Science and Technology, South Africa*)

**Discussion follows**

#### **Break-away 16: Events / Shows / Museums**

**Session Chair: Athrayil P. Jayaraman  
Vice-Chairman, Indian National Centre for Science Communicators**

- ♣ From Göteborg to Grahamstown: The parallel Universes of science communication events.  
(Anja Fourie, *Grahamstown Foundation, South Africa*)
- Successful science shows: Adapting for Africa  
(Derek Fish, *UNIZUL Science Centre, South Africa*)

- What makes a science museum an effective tool for communicating science in society?

*(Ian McKay, Origins Centre, University of the Witwatersrand, South Africa)*

**Discussion follows**

13:30

## **LUNCH**

*Lunch time talk by Himla Soodyall, engaging speaker and award winning scientist for her outstanding contribution in the field of science and celebrated for her active role in the public understanding of science. Himla is the director of the MRC/NHLS/WITS Human Genomic Diversity and Disease Research Unit.*

14:50

## **Parallel Session Six**

**Session Chair: Andrea Bandelli, ASCC Programme Coordinator**

### **Break-away 17: ICT use**

- Moving medical physics research from the laboratory to the classroom using ICT tools in Nigeria  
*(Olugbenga O. Latinwo, Ladoke Akintola University of Technology, Nigeria)*
- Preparing the next generation of science learners using e-learning: Key considerations  
*(Willie T. Chinyamurindi, Nelson Mandela Metropolitan University, South Africa)*
- A new mindset required  
*(John McBride, Mindset, South Africa)*
- Public profiling of National Science & Technology Forum Award winners  
*(Hendra van Zyl, Medical Research Council, South Africa & Jansie Niehaus, National Science & Technology Forum, South Africa)*

**Discussion follows**

### **Break-away 18: Media**

**Session Chair: Reidwaan Wookay, National Research Foundation**

- Impact of All India Radio Science Programme on farmers – a study  
*(Perumal Samy Navaraj, Yadava College, India )*
- Media coverage of the environment in Kenya: Opportunities and challenges  
*(George Kamau, Intermediate Technology Development Group, Kenya)*
- Unreported development: Lessons from promoting science communication in the media  
*(Akin Jimoh, Development Communications Network, Nigeria)*

**Discussion follows**

### **Break-away 19: Innovative popular approaches**

**Session Chair: Anja Fourie, Grahamstown Foundation**

- **Scientoonics**  
(Pradeep K. Srivastava, Central Drug Research Institute, India)
  - **Cartooning for science communication**  
(Robert Inglis, Rico Schacherl and Sharon Grussendorff, Revolutions, South Africa)
  - **Astro games: Using traditional and modern games to communicate astronomy and space science**  
(Sivuyile Manxoyi, South African Astronomical Observatory)
  - **Storytelling: A creative classroom tool in science communication**  
(Athrayil P. Jayaraman, Indian National Centre for Science Communicators)
- Discussion follows**

**Break-away 20: Workshop**

**Introduction: Valerie Corfield**

- **Getting the message across: 101 ways to demystify sci-speak**  
Don't let your message get lost in translation - in this hands-on workshop, you can pick up tried and tested tips to help translate the gobbledygook of *sci-speak* into *street-speak* and explore ways to design fun, interactive workshops that really communicate your area of science to the public.  
(Valerie Corfield, SA Medical Research Council/University of Stellenbosch)
- **Wanted: Communicating scientists! Setting up science communication training**  
(Christina Scott, SciDev.Net)

16:20 **Refreshment break**

**End of Day Two**

***Busses will collect delegates at hotels for beach party at 18:30 – remember your sarong!***

**Thursday,  
7 Dec '06**

09:00

**Coffee/Tea**

**Plenary Session Programme Director: Reidwaan Wookay, National Research Foundation**

09:30

**Plenary session starts**

09:40

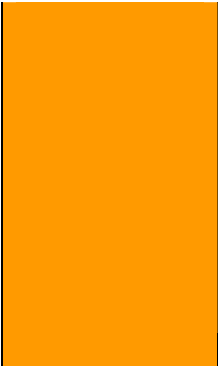
**Why science and the public understanding of science matters**  
(Wilmot James, Africa Genome Education Institute, South Africa)

10:15

**Refreshment break**

10:30

**Science-in-Society / Society-in-Science: A forum overview**  
(Beverley Damonse, SAASTA)

	11:00	<b>Suggested next steps</b>	<i>(Speaker to be confirmed)</i>
	11:15	<b>Discussion from floor</b>	
		<b>Evaluation forms completed</b>	
	12:20	<b>It's a wrap!</b>	<i>(Beverley Damonse, SAASTA)</i>
	12:30	<b>Lunch</b>	