### STAND 01

Go into space with Amateur Radio

Person responsible Title: Mr First name: Hans

Last name: van de Groenendaal Tel: 012 991 4662 Mobile: 082 781 4631

E-mail: hans@intekom.co.za Website: www.amsatsa.org.za Kletskous is an Amateur Radio satellite being designed and built by radio amateurs. The CubeSat measuring 10x10x10cm will include a transponder which will allow radio amateurs to communicate on VHF/UHF frequencies over a long distance. The CubeSat will also include a number of science projects by learners and students with the output included in the telemetry beacon which allows them to receive and decode the information generated by the project. This makes the projects interactive. Proposals from learners and students are currently being invited.

## STAND 02

Future Plantation Forests for the South African Bio-economy

Person responsible

Title: Dr First name: Ronald Last name: Heath

Tel: 011 268 1104 Mobile: 083 611 6946

E-mail: ronald@forestrysouthafrica.co.za

Website: www.forestry.co.za

The exhibition will promote Forest Sector Research and more specifically the Forest Sector Innovation Fund which aims to increase competitiveness of the sector, promote increased Research and Development in the South African forest sector, promote human capital development and transformation of the sector, generate knowledge, contribute to the intellectual property portfolio of the forest sector. The Sector Innovation Fund is a partnership between the plantation forest sector, represented by Forestry South Africa and the Department of Science and Technology.

## STAND 03

First name:

Wits University Press

Person responsible Title: Ms

Last name: van der Spoel Tel: 011 717 8700 Mobile: 083 440 0944

E-mail: Corina.vanderspoel@wits.ac.za

Website: www.witspress.co.za

Corina

Climate change affects us all, but it can be a confusing business. Three leading South African scientists who have worked on the issue for over two decades help you to make sense of this topic. A new book, Climate Change: Briefings from Southern Africa, published by Wits University Press takes the form of 55 'frequently asked questions', each with a brief, clear scientifically upto-date reply.

## STAND 04

**ASSAF** 

Person responsible

Title: Mr First name: Tsepo Last name: Majake

Tel: 012 349 6645 Mobile: 071 820 0940 E-mail: tsepo@assaf.org.za Website: www.assaf.org.za PROMOTION OF EFFECTIVE, EVIDENCE-BASED SCIENTIFIC ADVICE: The focus of the Academy's work is on the scientific analysis of already published or available, enquiry-generated evidence that can help policy development in South Africa.

In line with its mission of providing evidence-based

advice to government and other stakeholders, the Academy has undertaken and is in the process of undertaking a number of evidence-based studies. Currently, ASSAf's studies are focused in the following broad, strategically selected areas, viz. health; biosafety and biosecurity; energy; environment; humanities; and STFM education

SKA in Africa

Person responsible Title: Mrs

First name: Niesa Last name: Burgher Tel: 021 506 7302

Mobile: 078 643 1506 E-mail: niesa@ska.ac.za Website: www.ska.ac.za This exhibition focuses on the work of the Square Kilometre Array South Africa (SKA SA), providing background on the key aspects of the project such as the instruments on the site in Carnarvon in the Northern Cape: KAT-7, the seven-dish MeerKAT precursor array and the world's first radio telescope array consisting of composite antenna structures; the SKA precursor MeerKAT which will consist of 64 interlinked dishes in total: the Precision Array for Probing the Epoch of Re-ionisation (PAPER); the Hydrogen Epoch of Reionisation Array (HERA) and the C-Band All Sky Survey (C-BASS). We also elaborate on the progress of MeerKAT. Information is also provided on the Human Capital Development Programme (HCD), the programme through which more than 700 students have been assisted to further their studies through SKA SA.

## STAND 06

Public engagement with science and technology

Person responsible

Title: Mr First name: Sizwe Last name: Khoza

Tel: 012 392 9347 Mobile: 071 875 6917 E-mail: sizwe@saasta.ac.za Website: www.saasta.ac.za The NRF's exhibition will highlight the various instruments, flagship projects and specialised services (e.g. rating of researchers) offered by the organisation in support of its mandate of funding research, and developing high-end human capital and critical research infrastructure to promote knowledge production across all disciplinary fields. The research outputs from the NRF's national research facilities that position the organisation as a performer within the NSI landscape will be shared with delegates. The science engagement achievements of the NRF will demonstrate why an awareness, appreciation and understanding of science and research are critical to our lives and essential for developing an innovation culture.

## STAND 07

Council for Scientific and Industrial Research

Person responsible

First name: Kediemetse
Last name: Mahlase
Tel: 012 841 3412

Mobile: 076 732 1437 E-mail: kmahlase@csir.co.za

Website: www.csir.co.za

The CSIR focuses its multidisciplinary research and development skills on helping to address national priorities in energy, health, industry, defence and security as well as the built and natural environments.

Two examples of how the organisation helps to improve the competitiveness of South African industries and to create new manufacturing opportunities are displayed on the CSIR stand. Find out how specialist skills in biotechnology and photonics are being used to advance products to the market.

products to the market.

The CSIR is also set on helping the country achieve an energy-secure and low-carbon national economy. In one contribution in this field, researchers are trying to overcome the challenges relating to hydrogen storage, because hydrogen could be the ideal energy alternative. Find out more by visiting the CSIR stand.

### STAND 07

# Council for Scientific and Industrial Research

Person responsible
Title: Dr
First name: Angela
Last name: Dudley

Tel: 012 841 3447 Mobile: 084 713 0110 E-mail: ADudley@csir.co.za

Website: www.csir.co.za

The Photonics Prototyping Facility (PPF) aims to bridge the 'innovation chasms' currently experienced in the South African Photonics community. The PPF offers world-class facilities, technical support, equipment and scarce skills, to assist in industrialising un-tapped technologies to build a globally competitive Photonics industry within South Africa. The PPF is located within an innovative research environment, the CSIR, and is in close proximity to several universities and the Innovation Hub thereby stimulating a nexus for industrialisation.

The PPF would like to exhibit at the Science Forum SA2015 to promote the initiative to researchers, engineers, industries, entrepreneurs and investors to participate in photonic-related prototype development.

### STAND 07

## **Photonics Prototyping Facility**

Person responsible
Title: Mr
First name: Kulani
Last name: Chauke

Tel: 012 841 2201

Mobile: 071 266 0019

E-mail: kchauke@csir.co.za

Website: www.csir.co.za

The biomanufacturing industry development programme helps small, medium and micro enterprises to develop and commercialise biotechnology-based products and technologies. It supports such enterprises in developing new products to expand their existing product portfolios; provides assistance in ensuring regulatory compliance; and undertakes the scale-up of technologies and small-scale manufacturing of products for market testing.

The exhibition will showcase the work done in the platform from early stage research and development through to final product or technology.

### STAND 07

## **HySA** Infrastructure

Person responsible
Title: Mr
First name: Neels
Last name: Le Roux
Tel: 018 285 2461
Mobile: 082 551 1119

E-mail: Neels.leroux@nwu.ac.za
Website: www.hysainfrastructure.org

HySA Infrastructure consists of over 30 people including our post graduate students. Our team is renowned for international expertise in electrolysis, renewable energy, power management, membranes and fuel cells.

The mission of the HySA Infrastructure is to deliver cost-efficient technologies for hydrogen production (linked to renewable energy), storage and distribution of hydrogen. The overall aim is to become a significant player in the renewable hydrogen production and storage R&D locally and internationally, leading to the development and application of new hydrogen generating products and systems, hydrogen storage materials and processes which improve the competitiveness of South African industry and the quality of life of all South Africans.

Research in Germany

Person responsible

Title: Ms
First name: Eva
Last name: Ziegert
Tel: 012 427 8

Tel: 012 427 8934 Mobile: 072 24 13517

E-mail: wiss-1@pret.auswaertiges-

amt.de

Website: www.pret.auswaertiges-amt.de

Germany is a land of ideas - Europe's number 1 in terms of patent registrations - and among the most innovative countries worldwide. Internationally renowned institutions have made the country a hub of cutting-edge international science and research. Germany is also a partner in innovation to South Africa, developing research capacity and facilities jointly through exchange programs and research initiatives. At our exhibition stand 'Research in Germany' we would gladly inform you about the German research landscape, its cooperation with scientific organizations, as well as

study opportunities at German higher education

institutions.

## STAND 9

Water Research Commission

Person responsible Title: Ms First name: Zagry Last name: Scholtz

Tel: 012 330-9053
Mobile: 062 286 4263
E-mail: zagrys@wrc.org.za
Website: www.wrc.org.za

The Water Research Commission serves as the country's water-centred knowledge 'hub' leading the creation, dissemination and application of water-centred knowledge, focusing on water resource management, water-linked ecosystems, water use and waste management and water utilisation in agriculture. Being an innovative organisation, the WRC is continuously providing novel ways of packaging and transferring knowledge into technology-based products for the water sector and the community at large, both locally and globally.

## STAND 10

French – South African ST&I cooperation and climate change challenges

Person responsible

First name: Jean
Last name: Albergel
Tel: 012 844 0117
Mobile: 082 600 5682
E-mail: Jean.albergel@ird.fr

Website: www.ird.fr

The IRD-CNRS-CIRAD Joint Office has a strategic partnership with the Cultural & Cooperation Service of the French Embassy (SCAC). With a particular focus on capacity building, together we drive our coordinated actions in ST&I cooperation with South Africa and the region.

We would like to showcase our three research institutes profiles in ST&I cooperation, instruments, ongoing projects & programmes, and new partnership opportunities. The French Embassy flagship programmes in capacity building and ground-breaking research activities with South Africa such as the F'SATI, the F'SAGRI and IFAS-Research should be also set out. Several brochures, posters and banners will be displayed.

This exhibition will also be the opportunities to showcase regional cooperation between Europe and Africa in which South Africa and France play together a key role. Several programmes such as the launch of the ERAfrica second phase, and CAAST-Net Plus will be presented through the exhibition.

### STAND 11

African Evidence Network

Person responsible
Title: Ms
First name: Precious
Last name: Motha

Tel: 011 559 4250 Mobile: 076 792 5921 E-mail: pnmotha@uj.ac.za

Website: www.africaevidencenetwork.org

The Africa Evidence Network (AEN) links people and activities across various initiatives, organizations and fields working to produce and use better evidence. Through its free membership, the Network brings together a grouping of researchers, practitioners and policy-makers from universities, NGOs and governments. Currently, AEN has 500 plus members across the African continent and outside the continent. This brings opportunities for networking and knowledge sharing in the evidence-informed decision-making field. Come and learn more about the work of AEN in the African region. Be an AEN member and be part of the upcoming Colloquium 2016.

## STAND 12

South African Environmental Observation Network

Person responsible
Title: Mrs
First name: Beate
Last name: Hölscher
Tel: 012 349 7718

Mobile:

E-mail: beate@saeon.ac.za Website: www.saeon.ac.za

SAEON has recently published a booklet titled 'Change is in the air', authored by Nicola Stevens, Wiliam Bond, Tim Hoffman and Guy Midgley. This science forum was identified as the best opportunity to launch and publicise the booklet, and a special thematic session to this effect has been submitted. The exhibition will showcase the booklets and give opportunity for delegates to interact with the authors outside of the special session. The exhibition will also showcase SAEON as a research facility of the NRF, and will display some of its publications.

## STAND 13

Italy of the future Person responsible Title: Dr First name: Pierguido

Last name: Sarti
Tel: 012 423 0036
Mobile: 079 602 6335

Mobile: 079 602 6335 E-mail: pretoria.scienza@esteri.it

Website: www.esteri.it

Italy will display informative material on the Italian higher education system and its opportunities, public research entities and infrastructures and the scientific cooperation programmes relevant to Africa. Visitors will find information on research and innovation priorities, the Italian research infrastructures and the EXPO2015 heritage. The Italian participation in SKA will be presented. 6 panels will display "Italy of the future", an overview of some selected topics (e.g. robotics, particle physics, medicine, archeology) where Italy stands at the forefront of research. The stand is organized in cooperation with the Italian Trade Commission office of Johannesburg and the Italian Institute of Culture.

Fossil Stars from South Africa

Person responsible

Title: Dr First name: Ian Last name: McKay

Tel: 011 717 6682 Mobile: 084 500 3902 E-mail: ian.mckay@wits.ac.za

Website: www.wits.ac.za

In recent years the international community has been stunned by a number of fantastic South African fossil finds. This exhibition will highlight some of the "fossil stars" that at have been discovered by staff off the Evolutionary Studies Institute, partners and collaborators in the recent past. The exhibit will have a case comparing Homo naledi, and H. sediba with modern humans and a second case showcasing some of our latest dinosaur discoveries- perhaps the remains of the as yet unnamed "Highland Giant" and Aardonyx celestae. Also on show will be a reconstructed Australopithecus sediba skeleton. Members of the team who actually helped recover Homo naledi will be available to describe the discovery.

## STAND 15

Research at Stellenbosch University Person responsible

Title: Ms First name: Maryke

Last name: Hunter-Hüsselmann

Tel: 021 808 4623 Mobile: 082 438 8408 E-mail: mh3@sun.ac.za Website: www.forestry.co.za The exhibition will focus on research activities of Stellenbosch University. It will feature the MACE award winning annual report, which provides a snapshot of research at SU, with the focus to highlight activities where SU can contribute to the National Development Plan of Government, where our research has made an impact and where it can benefit society. It is also a product which aims to make science accessible to a broader audience. The exhibition will also provide information on our CoE's and Chairs, with a focus on highlighting opportunities for further studies for postgraduate students. We will also provide brochures and further information on specific areas of research expertise where opportunities for further national and international collaboration with stakeholders from the HE sector and industry exist.

## STAND 16

Small Country – Big Opportunities: Study and Research in the Netherlands

Person responsible

Title: Mr
First name: Arne
Last name: Leeflang
Tel: 012 346 0982

Mobile: 082 438 7414

E-mail: aleeflang@neso-epnuffic.nl

Website: www.epnuffic.nl/en

The stand will inform guests about the Netherlands as a study and research destination. Furthermore, there will be information on scholarship opportunities, on potential partnerships with universities in the Netherlands. Universities of the Netherlands will also have the opportunity to showcase specific programmes at our stand.

### STAND 17

Human Sciences Research Council

Person responsible Title: Ms

First name: Naledi Last name: Hlalukana Tel: 021 466 7985

Mobile: 083 412 0996

E-mail: nhlalukana@hsrc.ac.za

Website: www.hsrc.ac.za

The HSRC will exhibit the press books, the Research Programme publications.

## STAND 18

South African Cities Network (SACN)

Person responsible

Title: Mrs
First name: Nwabisa
Last name: Klaas

Tel: 011 407 6412 Mobile: 083 788 6250

E-mail: nwabisa@sacities.net
Website: www.sacities.net

## STAND 19

Developing South Africa's

GreenMatter
Person responsible

Title: Mrs
First name: Chelsea
Last name: Ndlovu

Tel: 011 447 5112 Mobile: 073 924 6716

E-mail: Chelsea@greenmatter.co.za Website: www.greenmatter.co.za

STAND 20

Joint Institute for Nuclear Research

Person responsible
Title: Ms
First name: Anastasia

Last name: Suschevich
Tel: +7496 216 38 90
Mobile: +7903 798 54 74
E-mail: asuschevich@jinr.ru

Website: www.jinr.ru

South African Cities Network (SACN) is an established network of South African cities and partners that encourages the exchange of information, experience and best practice on urban development ad city management. With the objective since 2002 of prompting good governance and management, analysis of strategic challenges facing cities, the collation and application of big city experiences and the facilitation of shared learning partnerships among sphere of government in order to enhance good governances of South African cities.

GreenMatter is focused on the development of skills and capacity for a greener economy. Established in 2010, GreenMatter responds to the National Development Plan (2011), the Department of Science and Technology's Bio-economy Strategy and the Department of Environmental Affairs National Biodiversity Strategy and Action Plan (NBSAP 2005, 2015). GreenMatter will be showcasing its human capital development initiatives and projects related to biodiversity management, enviropreneurship and environmental sciences

The exhibition is aimed at sharing highlights, beneficiaries who are impacted by our work and mechanisms for strategic partnerships. This will be undertaken through the use of brochures, toolkits, a showcase and videos.

JINR - is an intergovernmental organization based in Russia. Republic of South Africa is an Associated member of JINR since 2005. The cooperation is concentrated around the following fields of research: grid-technologies and theory, neutron beams research, heavy ion physics, hadronic therapy. Together with these the work connected with the spherical fuel element reactor with the helium carrier and also the educational program are being executed. Since 2007 training practice is organized for RSA students and postgraduates in JINR. 30 students accompanied by their professors come every year to JINR.

SMU Mobile Science Laboratory

Person responsible

Title: Ms

First name: Florence Last name: Seseng

Tel: 012 521 4610 Mobile: 084 442 3941

E-mail: Christicia.seseng@smu.ac.za

Website: www.smu.ac.za

Interactive exhibits which demonstrate some of the most important physics concepts in classrooms or physics laboratories, including a dc electric motor that the Sefako Makgatho University of Health Science Programme delivers at schools. These are; Magnetic fields push on electric current experiments, essential project research information tools and math puzzles in will be available for everyone to test their skills. Presentations on courses offered by Sefako Makgatho Health Sciences University. There will be presentations on careers offered by Sefako Makgatho Health Sciences

University.

## STAND 22

Space in service of humanity (SANSA)

Person responsible

Title: Mr

First name: NdleleniLast name:Boyilane

Tel: 012 844 0321 Mobile: 072 752 3015

E-mail: nboyilane@sansa.org.za Website: www.sansa.org.za SANSA Earth Observation drives and coordinates South Africa's Earth observation efforts to sustainably benefit all South Africans in an Earth-friendly manner.

We offer services and products such as; Disaster monitoring,

Infrastructure monitoring, Human Capacity development,

etc,

SA Earth Observation "Using satellite data for societal

benefits"

## STAND 23

South African Mathematics Foundation (SAMF)

Person responsible
Title: Mr
First name: David
Last name: Ramaboka

Tel: 012 392 9324 Mobile: 078 944 2566

E-mail: ramabokad@samf.ac.za

Website: www.samf.ac.za

Showcasing different and interesting mathematical projects that are managed by the South African Mathematics Foundation (SAMF). It will include information on different careers in mathematics.



## STAND 24

Sweden

Person responsible
Title: Mrs
First name: Helena
Last name: Pietersen
Tel: 012 426 6400

Mobile: 083 417 3307

E-mail: Helena.pietersen@gov.se

Website: www.gov.se

The Exhibition will focus on three themes: 1) Swedish Innovations 2) The Nobel Prize 3) Studies in Sweden and scholarship opportunities for South African students. The Embassy has a photo exhibition named 'Swedish Innovations – South African Interpretations', which we would like to exhibit as well, should you have some open space/hallway space etc. We can provide more details about this exhibition if required (it comes as A1 posters). Mr Khaya Sishuba from DST was speaking at the opening of the Exhibition at UJ in May.

## STAND 25

Nanoscience Master Degree Platform

Person responsible Title: Prof First name: Dirk

Last name: Knoesen
Tel: 021 959 2904
Mobile: 082 459 8441

E-mail: dknoesen@uwc.ac.za Website: www.nanoscience.ac.za

The National Masters in Nanoscience degree is presented at 4 universities (UFS, UJ, NMMU and UWC) in 3 studyfields (nanobiomedical sciences, nanochemistry and nanophysics), with students registering at their home campuses, attending 9 months of advance training at UWC, then returning to their home campuses for a research study in their selected fields, culminating in a master thesis. The advance training is done by researchers from all 4 institutions, plus 6 international researchers in the 3 research areas. DST is funding the program, administered by an Administration Hub at UWC with Node Administrators at each of the partner institutions.

## STAND 26

Sustainable Agriculture, Mine tailing rehabilitation and Biodiversity reestablishment

Person responsible
Title: Mr

First name: Bonga PetrosLast name:Masoka

Tel: 011 027 4440 Mobile: 079 508 9305

E-mail: bonga.masoka@g-techholding.com

Website: www.g-techholding.com

The exhibition will consist of posters of the work that G-Tech and Local Biodiversity have undertaken in South Africa. These will include posters showing the use of our poly-lactic degradable material in mine dump rehabilitation and the agriculture project undertaken in Soweto with a cooperative, and the UNDP. Local Biodiversity Africa on the other hand will showcase posters of their projects, in particular the wetland reestablishment at Petro-Port on the N14. G-Tech will also showcase a demo of their product on a small board.

Forest Molecular Genetics Research Programme, University of Pretoria Person responsible

Title: Mrs
First name: Marja
Last name: O'Neill

Tel: 012 420 6377

Mobile:

E-mail: marja.oneill@up.ac.za Website: www.fabi.up.ac.za

This exhibit will showcase the Forest Molecular Genetics (FMG) Programme, which focuses on the genetic control of wood development in fast-growing plantation trees, primarily Eucalyptus and tropical pines grown in South Africa. FMG also studies defence mechanisms in forest trees with a view to protect trees from pests and pathogens. In the exhibit, we will highlight the FMG research technology platforms: Highthroughput DNA marker analysis, wood biochemistry, QuantStudioTM 12K Flex Real-Time PCR, Plant genetic engineering and Bioinformatics. FMG's research is supported by grants from the South African forestry industry, FSA Sector Innovation Fund (SIF), NRF and DST

## STAND 28

Green Energy Controller (TUT)
Person responsible

Title: Ms
First name: Karabo

Last name: SedumediTel:012 382 5718

Mobile: 073 427 9831

E-mail: SedumediKB@tut.ac.za

Website: www.tut.ac.za

The solar panels which sense the movement of sun and follow its movement while absorbing maximum energy. The technology senses the sufficient amount of energy absorbed through solar panel and automatically shifts the supply of energy from Eskom grid to solar energy. The technology can switch the lights on and off using GSM connection using cell phone.

## STAND 29

SA-EU S&T Cooperation

Person responsible
Title: Mrs
First name: Natalija
Last name: Dolya

Tel: 012 452 5255 Mobile: 083 353 4869

E-mail: Natalija.dolya@eeas.europa.eu

The stand is a joint effort of the EU Delegation, European Investment Bank and ESASTAP Plus project to showcase EU research and innovation-related programmes and institutions that offer opportunities for collaboration with South Africa.

## STAND 30

**Swiss** 

Person responsible Title: Ms

First name: Jacquelene Last name: Friedenthal Tel· 012 452 0672 Mobile: 082 883 7443

E-mail: Jacquelene.friedenthal@eda.admin.ch

Website: www.eda.admin.ch/pretoria The exhibition will aim to communicate Swiss Excellence in Education, Research and Innovation (ERI) as well as communicating the Swiss South Africa Joint Research Programme (SSAJRP). The ERI and SSAJRP information will be communicated in the form of info graphs and/or posters. A number of relevant brochures will be available as handouts to the public. The Embassy of Switzerland anticipate depending on time and budget one of these two booths. Option 2 will be constructed to fit into a 3x3 metre booth.

## STAND 31

Nelson Mandela Metropolitan University (NMMU)

Person responsible

Title: Ms First name: Mary-Ann Last name: Chetty Tel· 041 504 4216

Mobile: 083 710 6172

E-mail: Mary-Ann.Chetty@nmmu.ac.za

Website: www.nmmu.ac.za Nelson Mandela Metropolitan University has seven facilities spanning a full range of disciplines from social sciences and humanities to science and engineering. Within our many departments and research entities we have undertaken to encourage, support and reward research and innovation This focus on the value of innovation and not just basic research has meant that we recognize the importance of commercializing and utilizing our knowledge products for the benefit of society. The exhibition will showcase selected areas of research capability including Micro-Algae to energy technology, the NMMU involvement in the Square Kilometre Array, Rubber Science technology and Information technology impacting rural communities.

## STAND 32

NEPAD - SANBio / BioFISA II

Person responsible Title: Mr First name: Mehlolo Last name: Maphanga Tel· 012 841 4039

Mobile: 076 732 7619 E-mail: MMaphanga@csir.co.za

Website: www.csir.co.za

The Southern Africa Network for Biosciences is a regional Network which coordinates research in the SADC region. In addition to presenting the bioscience funding opportunities under the BioFISA II programme. SANBio will be showcasing products that were developed from indigenous plants.

Register to be recognised (SACNASP)

Person responsible Title: Mrs First name: Sarah

Last name: Van Aardt Tel:012 7486500

Mobile: 083 397 6383

E-mail: svanaardt@sacnasp.org.za

Website: www.sacnasp.org.za

SACNASP is a statutory body regulated by the Natural Scientific Professions Act, 27 of 2003. In accordance with this act, persons working in the natural sciences in one of the fields of practice indicated in Schedule I of the Act, must be registered with SACNASP to legally practice. SACNASP therefore must promote professional registration and make more people and employers aware of the legal consequences of employing non-registered scientists. SACNASP has a Code of Conduct whereby registered scientists must have due regard to harmful practices against the environment, have due regard to public safety, public health and public interest generally.

## STAND 34

Scifest Africa: South Africa's National Science Festival Person responsible

Title: Ms
First name: Anja
Last name: Fourie

Tel: 046 603 1106
Mobile: 084 206 6996
E-mail: anja@scifest.org.za
Website: www.scifest.org.za

Scifest Africa, South Africa's National Science Festival, was established in 1996 to promote the public awareness, understanding and appreciation of science, technology and innovation. Using inexpensive consumables and unsophisticated and accessible equipment available from a hardware store, pharmacy, supermarket or recycling depot, this exhibition will demonstrate how the general public can engage with science in ways that are interactive, accessible and fun. Activities will include chemistry and physics demonstrations that can be repeated at home or in the classroom, as well as simple and fast workshops with take away components and resource material. The National Science Festival is supported by the Department of Science and Technology.

### STAND 35

Denel Spaceteq Person responsible

Title: Mr First name: Ronnie Last name: Foster

Tel: 012 671 1880

Mobile: 082 312 8384

E-mail: ronnief@denel.co.za

Website: www.denel.co.za

Satellite work on behalf of SANSA. We will be utilising the Spaceteq company video, while the satellite plus its technologies will be further covered by a flat screen simulation and 2x models on plinths – 1x satellite and 1x reaction wheel (cut-through view) with posters, banners and brochures. All local design technology.

### STAND 36

Embassy of Finland Person responsible

Title: Mr First name: Tuomas

Last name: Pollari Tel:012 343 0275

Mobile: 082 446 3405

E-mail: Tuomas.pollari@formin.fi

Website: www.formin.fi

## STAND 37

**British High Commission** 

Person responsible
Title: Mr
First name: Richard
Last name: Atkinson
Tel: 021 405 2421
Mobile: 083 441 0960

E-mail: Richard.atkinson@fco.gov.uk

Website: www.fco.gov.uk

## STAND 38

Post-Harvest Innovation Programme

Person responsible
Title: Ms
First name: Junette
Last name: Davids

Tel: 021 526 0379 Mobile: 082 409 3825 E-mail: Junette@fpef.co.za

Website: www.postharvestinnovation.org.za

STAND 39

Advanced biotechnology collaborative initiative (ACGT)

Person responsible

Title: Dr First name: John Last name: Becker

Tel: 012 420 6147 Mobile: 082 321 2150 E-mail: jbecker@csir.co.za Website: www.csir.co.za The exhibition will feature the both the regional development initiatives and bilateral STI projects supported by the Finnish government. The regional development programmes include the Southern Africa

Innovation Support Programme

(http://www.saisprogramme.com/), EEP Africa

http://eepafrica.org/ and BioFISA

(http://www.nepadsanbio.org/) and GoF's partners include DST, UK Aid & Austrian Development Cooperation. Regarding the bilateral projects the

partners are CSIR Meraka and NRF.

Highlighting the UK/SA Science and Innovation partnership, including the Newton Fund and The

Chevening Scholarship Programme.

The exhibition is to promote the Post-Harvest Innovation (PHI) Programme, which is a DST Sector-Specific Innovation Fund programme, established in 2008. The PHI Programme focuses on post-harvest R&D and innovation in the fresh horticultural industry and thereby strengthen the fresh fruit and vegetable industries' local and global competitiveness. The exhibition space will be used to showcase a PHI publication, which captures post-harvest R&D conducted during 2011 – 2014. The exhibition will provide a platform to engage with the scientific community and academics who may have innovative ideas of addressing particular post-harvest challenges.

The ACGT is an inter-institutional collaborative biotechnology initiative of science councils and universities in the Gauteng region of South Africa (ARC. CSIR, UJ, UP and Wits). Its focus is to create a network of excellence in biotechnology through establishment of collaborative programmes and capacity building in the field. The Centre has successfully set up a number of large collaborative projects, and these will be showcased. This includes an EU-funded SADC programme on GMOs in agriculture and a Carnegiefunded Natural Products network, also involving multiple SADC countries. Both these programmes have been kindly co-funded by the DST. The Centre was also instrumental in setting up a government-funded (TIA) programme to improve beef production and industry competitiveness through genomics, involving science councils, universities and industry. Information around a bioinformatics training programme which the Centre established will also be shared.

Research Africa Person responsible Title: Mr First name: Shaun Last name: Stuart

Tel: 021 447 5484 Mobile: 082 886 2869

E-mail: info@research-africa.net Website: info.researchprofessional.com

Research Africa provides the African research and higher education communities with access to a world leading funding opportunities and funding news platform, Research Professional. The Research Africa exhibition will demonstrate how access to Research Professional gives researchers an edge in the race for funding opportunities. The funding environment is highly competitive and time is of the essence. Research Professional is used by institutions in South Africa and various other countries across the African continent to assist universities, research institutes and networks, think-tanks and government agencies to mobilise money for research. The online tool is widely regarded as the leading web-based e-resource platform for funding opportunities and funding intelligence. For more information visit info.researchprofessional.com

## STAND 41

Data Science for Impact and Decision Enhancement (DSIDE) programme

Person responsible

First name: Dalton Last name: Lunga

Tel: 012 841 2961 Mobile: 072 361 6384 E-mail: dlunga@csir.co.za Data analytics and visualisation is becoming an important aspect for evidence based policy decision making. As the number and size of projects, as well as the number of people involved grows, the complexity to manage policies and programmes increases. The CSIR has developed mutiple data analytics and visualisation tools across domains to assist policymakers in better analysing their domain and presenting their data to decision-makers. This work includes digitising the National Development Plan into a SmartNDP from which the outputs and outcomes of projects can be monitored and linked towards the targets set out in the NDP. Other projects include analyses tools for infrastructure maintenance management across a region or province; as well analysing and visualising customer/citizen sentiments towards certain events and brands, tracking knowledge workers using digital traces and social professional networks and a visual analytic platform to aide assessment of project impact and outputs during it's life cycle.

## STAND 42

FlyH2 Aerospace Unmanned Aircraft

Person responsible

Title: Mr First name: Mark

Last name: van WykTel:
Mobile: 082 831 9227
E-mail: mark@flyh2.com
Website: www.flyh2.com

We are developing and manufacturing a 75kg,8.2m wingspan unmanned aircraft for large-scale survey projects. The prototype will be 3d printed for flight testing by Vall University and the Fuel Cell membranes by HYSA catalysts at UCT in Cape Town. We are partnering with local sponsor Developer , SIMERA Technology Group in cape Town

# **EXHIBITORS**

STAN		TEL	EMAIL
1	Go into space with Amateur Radio	012 991 4662	hans@intekom.co.za
2	Future Plantation Forests for the South African Bio-economy	011 268 1104	ronald@forestrysouthafrica.co.za
3	Wits University Press	011 717 8700	Corina.vanderspoel@wits.ac.za
4	ASSAF	012 349 66145	tsepo@assaf.org.za
5	SKA in Africa	021 506 7302	niesa@ska.ac.za
6	Public engagement with science and technology	012 392 9347	sizwe@saasta.ac.za
7	Council for Scientific and Industrial Research	012 841 3412	KMahlase@csir.co.za
7	Council for Scientific and Industrial Research	012 841 2201	kchauke@csir.co.za
7	Photonics Prototyping Facility	012 841 3447	ADudley@csir.co.za
7	HySA Infrastructure	018 285 2461	Neels.leroux@nwu.ac.za
8	Research in Germany	012 427 3517	wiss-1@pret.auswaertiges-amt.de
9	Water Research Commission	012 330 9053	zagrys@wrc.org.za
10	French – South African ST&I cooperation and climate change challenges	012 844 0117	Jean.albergel@ird.fr
11	African Evidence Network	011 559 4250	pnmotha@uj.ac.za
12	South African Environmental Observation Network	012 349 7718	beate@saeon.ac.za
13	Italy of the future	012 423 0036	pretoria.scienza@esteri.it
14	Fossil Stars from South Africa	011 717 6682	ian.mckay@wits.ac.za
15	Research at Stellenbosch University	021 808 4623	mh3@sun.ac.za
16	Small Country – Big Opportunities: Study and Research in the Netherlands	012 346 0982	aleeflang@neso-epnuffic.nl
17	Human Sciences Research Council	021 466 7985	nhlalukana@hsrc.ac.za
18	South African Cities Network	011 407 6412	nwabisa@sacities.net
19	Developing South Africa's GreenMatter	011 447 5112	Chelsea@greenmatter.co.za
20	Joint Institute for Nuclear Research	7 496 216 38 90	asuschevich@jinr.ru
21	SMU Mobile Science Laboratory	012 521 4610	Christicia.seseng@smu.ac.za
<b>31</b> 22	2 Space in service of humanity	012 844 0321	nboyilane@sansa.org.za

STAND	NAME	TEL	EMAIL
23	South African Mathematics Foundation (SAMF)	012 392 9324	ramabokad@samf.ac.za
24	Sweden	012 426 6400	helena.pietersen@gov.se
25	Nanoscience Master Degree Platform	021 959 2904	dknoesen@uwc.ac.za
26	Sustainable Agriculture, Mine tailing rehabilitation and Biodiversity re-establishment	011 027 4440	bonga.masoka@g-techholding.co.za
27	Forest Molecular Genetics	012 420 6377	marja.oneill@up.ac.za
28	Green Energy Controller	012 382 5718	SedumediKB@tut.ac.za
29	SA-EU S&T Cooperation	012 452 5255	Natalija.dolya@eeas.europa.eu
30	Swiss	012 452 0672	Jacquelene.friedenthal@eda.admin.ch
31	NMMU	041 504 4216	Mary-Ann.Chetty@nmmu.ac.za
32	NEPAD-SANBio/BioFISA II	012 841 4039	MMaphanga@csir.co.za
33	Register to be recognised	012 748 6500	svanaardt@sacnasp.org.za
34	Scifest Africa: South Africa's National Science Festival	046 603 1106	anja@scifest.org.za
35	Denel Spaceteq	021 880 8101	bertholda@denel.co.za
36	Embassy of Finland	012 343 0275	Tuomas.Pollari@formin.fi
37	British High Commission	021 405 2421	Richard.Atkinson@fco.gov.uk
38	Post-Harvest Innovation Programme	021 526 0379	Junette@fpef.co.za
39	African Centre for Gene Technologies	012 420 6147	jbecker@csir.co.za
40	Research Africa	021 447 5484	info@research-africa-net
41	Data Science for Impact and Decision Enhancement (DSIDE) programme	012 841 2961	dlunga@csir.co.za
42	FlyH2 Aerospace Unmanned Aircraft		mark@flyh2.com

