

South Africa - France ICT Cooperation Workshop - Day 1

30 October 2014

TIME	Auditorium, CSIR Meraka Institute, Building 43, CSIR - Meiring Naude Rd, Brummeria, Pretoria
08:00-09:00	Registration / Coffee
9:00-9:10	<p>Welcome & Introduction Master of Ceremony: Johan Neethling, Deputy Director: ICT and Service Industries, Department of Science & Technology</p> <p>Strategies & structure of research on ICT in South Africa and France Introduced by the Master of Ceremony</p>
09:10-9:30	<p>South African challenges in ICT & DST 10 Year ICT RDI Roadmap Jeanette Morwane, Director: ICT, Department of Science & Technology</p>
9:30-9:45	<p>French ICT strategy and research institutions; funding opportunities Pierre Lemonde, Attaché for Science & Technology, French Embassy in South Africa</p>
9:45-10:05	<p>South African ICT universities, industries, research institutes and SKA big challenges Dr Quentin Williams, Strategic Research Manager, CSIR Meraka Institute</p>
10:05-10:20	Discussion
10:20- 10:30	Coffee Break
	<p>International partnerships Introduced by the Master of Ceremony</p>
10:30-10:50	<p>Overview of Africa and EU bilateral collaborations & feedback on FP7 joint research projects Dr Barend J.E. Taute, Manager: ICT Contract R&D, CSIR Meraka Institute</p>
10:50-11:10	<p>Support offered by the Institute of Research for Development (IRD) to scientists in Africa and Indian Ocean Region Damien Alline, Responsable du service "Informatique en soutien à la Science", Direction du Système d'Information, IRD</p> <p>Funding opportunities Introduced by the Master of Ceremony</p>
11:10-11:30	<p>H2020 programme in South Africa & ESASTAP Plus Mamohlong Tlhagale, Director: Strategic Partnerships, Department of Science & Technology</p>
11:30-11:50	<p>Using the model of ERAfrica for a panafrikan cooperation in ICT? Jean Albergel & Johan Viljoen, CNRS/IRD representatives</p>
11:50-12:00	<p>South African funding opportunities and H2020 ICT proposal Dr Barend J.E. Taute, Manager: ICT Contract R&D, CSIR Meraka Institute</p>
12:00-12:15	Discussion
12:15-13:15	Lunch
	<p>Theme 1: Big Data and Cloud Computing Introduction by session moderator : Dr Barend J.E. Taute, Manager: ICT Contract R&D, CSIR Meraka Institute</p>
13:20-13:40	<p>"Data Intensive Research Infrastructure South Africa (DIRISA)" Dr Anwar Vahed, Research Group Leader, CSIR Meraka Institute</p>
13:40-14:00	<p>"The Square Kilometer Array (SKA) and the Big Data Africa project" Dr Jasper Horrel, SKA</p>
14:00-14:20	<p>"The CSIR Centre for High Performance Computing" Dr Happy Sithole, Director: CHPC</p>
14:20-14:50	<p>"R&D program in Europe and France for HPC" Jean-François Lavignon, Bull</p>
14:50-15:10	<p>"A grammatical Approach to data-centric Collaborative Systems" Eric Badouel, Responsable scientifique Afrique, International Relations, INRIA</p>
15:10-15:30	Discussion
15:30- 15:40	Coffee Break
	<p>Theme 2: Smart Living Introduction by session moderator : Yves Blanchard, French Director F'SATI, Tshwane University of Technology</p>
15:40-16:00	<p>"Smart Living initiatives and projects in South Africa" Dr Louis Coetzee / Daan Velthausz, CSIR Meraka Institute</p>
16:00-16:15	<p>"Enabled Environment for Assistive Living" Karim Djouani, Professor F'SATI, Université Paris Est Créteil & Tshwane University of Technology, Chair Holder at TUT</p>

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16:15-16:35 **Urban Security: Thalès strategy and solutions"**
Kleo Georgiou, Marketing and Sales Director, Thales South Africa Systems

16:35-16:50 **Discussion**

18:30 *Joint dinner sponsored by DST*

South Africa - France ICT Cooperation Workshop - Day 2

31/10/2014

TIME Auditorium, CSIR Meraka Institute, Building 43, CSIR - Meiring Naude Rd, Brummeria, Pretoria

08:00-09:00 *Registration / Coffee*

9:00-9:05 **Introduction of the second day of workshop**
Master of Ceremony: Attaché for Science & Technology, French Embassy in South Africa

Theme 3: Trust and Security
Introduction by session moderator : Dr Barend Taute, CSIR Meraka Institute

09:05-09:25 **"Cyber Defense research at the CSIR"**
Joey Jansen van Vuuren, Research Group Leader: Cyber Defence, CSIR-DPSS

09:25-09:55 **"Information security research at NMMU"**
Prof Rossouw von Solms, NMMU
"Culture of Cyber Security in South Africa"
Noluxolo Gcaza , PhD Student, NMMU

09:55-10:00 **"Trust and security considerations in the eHealth system"**
Karel Matthee, CSIR Meraka

10:00-10:20 **"Cybersecurity Research at MDS - biometrics and smart cards"**
Erick Dube, Acting Competency Area Manager: Information Security, CSIR Modelling and Digital Science

10:20-10:40 **"Cyber security: Thalès strategy and solutions"**
Philippe Richer, Thalès

10:50 - 11:00 **Discussion**

11:00- 11:10 *Coffee Break*

Theme 4: Industry applications and Innovation
Introduction by session moderator

11:10-11:30 **"Industry Innovation Programme, promoting innovation in South Africa"**
Shafraaz Abdoola, CSIR Meraka Institute

11:30-11:45 **"Collaboration with F'SATI: Smart Water Management System & Distributed Autonomous Energy Management System "**
Adnan AbuMahfouz, CSIR Meraka Institute

11:45-12:05 **"M-Lab"**
Derrick Kotze, CEO mLab Southern Africa

12:05-12:25 **"Robotics Research at MDS"**
Natasha Govender, Mobile Intelligent Autonomous Systems, CSIR Modelling and Digital Science

12:25-12:45 **"Nano-satellite emerging technologies and ICT applications"**
Robert Van Zyl, Director F'SATI, Cape Peninsula University of Technology

12:45-13:00 **Discussion**

13:00-13:45 *Lunch*

13:45-14:30 **Discussion & definition of strategic cooperation areas**
Closing remarks:
Pierre Lemonde (French Embassy), Johan Neethling (DST ICT Unit) and Barend Taute (CSIR Meraka Institute)

14:30-17:00 *Opportunity for further discussion and institutional visits in Pretoria - to be arrange during the workshop*