



**AERAP workshop on**

## **HUMAN CAPITAL DEVELOPMENT**

**Researcher Mobility and Training Programmes:**

**Opportunities for African-European radio  
astronomy partnerships**

**27 September 2012**

**Venue - Premier Hotel,**

**573 Church Street (New street name is Stanza Bopape),  
Arcadia, Pretoria CBD**

**Department of Science and Technology, South Africa**

9h00 – 10h00	<b>Registration and Networking – Tea and Coffee</b>
<b>Session I – Opening and Setting the Scene</b> <b>Facilitator - Mr Takalani Nemaungani, Director : Global Projects, DST</b>	
10h00 – 10h10	<b>Welcoming/Opening Remarks - Mr Mmboneni Muofhe, Chief Director: International Cooperation and Resources, DST</b>
10h10 – 10h30	<ul style="list-style-type: none"> <li>• Introduction to AERAP (Africa-Europe Radio Astronomy Partnership) Activities - Mr Daan du Toit, Minister Counsellor (Science and Technology): South African Mission to the European Union</li> </ul>
10h30 – 10h50	<ul style="list-style-type: none"> <li>• Relevant EU instruments and feedback from AERAP Workshop in Brussels - Mr Declan Kirrane, Managing Director: ISC Intelligence in Science</li> </ul>
10h50 – 11h20	<ul style="list-style-type: none"> <li>• Presentation on SKA and African VLBI with a special focus on HCD opportunities and ideas for AERAP - Prof Justin Jonas and Ms Anita Loots, SKA Project Office</li> </ul>
11h20 – 11h40	Questions and Answers
11h40-11h50	<b>Coffee Break</b>
<b>Session II – Opportunities for Astronomy Collaborations in Africa</b> <b>Facilitator - Dr Wilson Matekenya, Director: Radio Astronomy Advances, DST</b>	
11h50 - 12h10	<ul style="list-style-type: none"> <li>• Strengthening capacity building in Astronomy, Astrophysics and Space Sciences in Africa - Mr Kevin Govender, Director: IAU Office of Astronomy for Development</li> </ul>
12h10-12h30	<ul style="list-style-type: none"> <li>• Support for Astronomy in the context of South Africa’s bilateral S&amp;T cooperation with African Countries - Ms Anneline Morgan, Director: African Cooperation, DST</li> </ul>
12h30-12h40	<ul style="list-style-type: none"> <li>• Questions and Answers</li> </ul>
<b>Session III – EU-FP7 mobility and training instruments</b> <b>Facilitator - Ms Daphne Lekgwathi, Manager: SKA HCD Programme, SKA Project Office</b>	
12h40 – 13h00	<ul style="list-style-type: none"> <li>• Overview of EU-FP7 &amp; ESASSTAP - Ms Mamohloding Tlhagale, Director: Strategic Partnerships, DST</li> </ul>
13h00 – 14h00	<b>Lunch</b>
<b>Continuation of Session III – EU-FP7 mobility and training instruments</b> <b>Facilitator - Ms Daphne Lekgwathi, Manager: SKA HCD Programme, SKA Project Office</b>	

14h00-14h30	<ul style="list-style-type: none"> <li>• Presentation on Marie Curie Training Network - Ms Mamohlosing Tlhagale, Director: Strategic Partnerships, DST</li> </ul> <p>Covering the following topics:</p> <p>Training Networks (ITN)</p> <ul style="list-style-type: none"> <li>- Offer early-stage researchers the opportunity to improve their research skills, join established research teams and enhance their career prospects</li> </ul> <p>Industry-Academia Partnerships and Pathways (IAPP)</p> <ul style="list-style-type: none"> <li>- Help commercial and non-commercial research organisations work together</li> <li>- Partners include universities and companies of all shapes and sizes</li> <li>- Focusing on joint research projects, IAPPs aim to boost skills exchange between the commercial and non-commercial sectors</li> </ul> <p>International Research Staff Exchange Scheme (IRSES)</p> <ul style="list-style-type: none"> <li>- Helps research organisations to set up or strengthen long-term cooperation with others, through a coordinated exchange programme for their staff.</li> </ul>
14h30-14h50	Questions and Answers
<b>The role of AERAP</b>	
14h50 – 15h20	<ul style="list-style-type: none"> <li>• Presentation on funding mechanisms of the European Research Council - Mr Daan du Toit, Minister Counsellor (Science and Technology): South African Mission to the European Union</li> </ul> <p>Covering the following topics:</p> <p>Starting Grant</p> <ul style="list-style-type: none"> <li>- Aims to support up-and-coming research leaders who are about to establish a proper research team and to start conducting independent research in Europe</li> <li>- Targets promising researchers who have the proven potential of becoming independent research leaders</li> <li>- Will support the creation of excellent new research teams</li> </ul> <p>Advance Grant</p> <ul style="list-style-type: none"> <li>- Allows exceptional established research leaders of any nationality and any age to pursue ground-breaking, high-risk projects that open new directions in their respective research fields or other domains</li> <li>- Targets researchers who have already established themselves as independent research leaders in their own right</li> </ul>
15h20– 15h40	Questions and Answers
15h40 – 16h00	Coffee Break
<b>The role of AERAP</b>	
16h00– 16h30	<p><b>Practical assistance offered by AERAP</b></p> <ul style="list-style-type: none"> <li>- Support in finding partners</li> <li>- Guidance in preparing proposals</li> <li>- Help with legal and financial matters</li> <li>- Questions and Answers</li> </ul>
16h30 – 16h40	<b>Conclusions - Mr Takalani Nemaungani, Director : Global Projects, DST</b>