

# Programme

## 2017 ASTRONOMY TOWN MEETING

20-21 OCTOBER 2017  
IZIKO PLANETARIUM  
CAPE TOWN



**science  
& technology**

Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA



National  
Research  
Foundation





## Chair : Prof Patrick Woudt

|             |                                                               |                               |
|-------------|---------------------------------------------------------------|-------------------------------|
| 08:00-09:00 | Registration                                                  |                               |
| 09:00-09:10 | Welcome remarks                                               | Dr Thomas Auf der Heyde (DST) |
| 09:10-09:20 | Opening remarks<br>Chair of the Astronomy<br>Advisory Council | Prof Renee Kraan-Korteweg     |

### Astronomy instruments updates

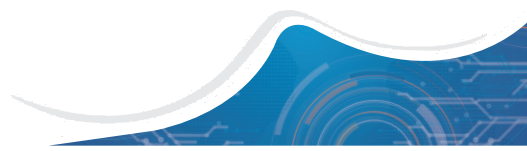
|             |                                   |                           |
|-------------|-----------------------------------|---------------------------|
| 09:20-09:50 | SKA/MEERKAT/AVN/<br>HERA/SARAO    | Dr Rob Adam (SKA SA)      |
| 09:50-10:00 | HIRAX                             | Prof Jon Sievers          |
| 10:00-10:20 | Q & A                             |                           |
| 10:20-10:40 | <b>Tea break</b>                  |                           |
| 10:40-11:00 | VGOS and other<br>Instrumentation | Prof Ludwig Combrink      |
| 11:00-11:20 | SAAO/SALT                         | Prof Ted William          |
| 11:20-11:50 | New strategy for optical/NIR      | Dr Petri Vaisanen         |
| 11:50-12:10 | Future of HESS/CTA                | Prof Sergio Colafrancesco |

12:10-13:10 **Lunch**

## ASTRONOMY PROGRAMMES, HCD AND TRANSFORMATION

**Chair: Mr Takalani Nemaungani**

|             |                                                                                                                                                        |                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 13:10-14:00 | DST Initiatives: <ul style="list-style-type: none"><li>- WISA Astronomy Awards</li><li>- National Astronomy Week</li><li>- DST Astronomy Day</li></ul> | Ms Gaboile Mabeba |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|



|             |                                                                                                            |                                       |
|-------------|------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 14:00-14:20 | NWU Telescope                                                                                              | Prof Thebe Medupe                     |
| 14:20-14:40 | Astronomy activities<br>at Unizul                                                                          | Prof Thulani Jili                     |
| 14:40-15:10 | NASSP                                                                                                      | Dr Kurt van der Heyden                |
| 15:10-15:40 | IAU-OAD                                                                                                    | Mr Kevin Govender/ Dr Vanessa McBride |
| 15:40-16:10 | <b>PANEL DISCUSSION<br/>ON INTERVENTIONS<br/>FOR HISTORICALLY<br/>DISADVANTAGED<br/>INSTITUTIONS (HDI)</b> | All speakers from this session        |
| 16:10-16:30 | <b>Tea break</b>                                                                                           |                                       |

## **BIG-DATA**

**Chair: Prof Kavilan Moodley**

|                    |                                               |                                        |
|--------------------|-----------------------------------------------|----------------------------------------|
| 16:30-17:00        | IDIA and Big Data<br>implications for MeerKAT | Prof Russ Taylor                       |
| 17:00-17:20        | Big Data Africa<br>Programme                  | Dr Happy Sithole                       |
| 17:20-17:40        | LSST programme                                | Dr Fernando Camilo                     |
| 17:40-18:20        | Brief on IAU GA in 2024                       | Prof Christo Venter: Chair of the SANC |
| <b>18:20-19:00</b> | <b>Show in the Planetarium</b>                | <b>IZIKO Museum</b>                    |
| <b>19:00-21:00</b> | <b>Dinner</b>                                 |                                        |

## INTERNATIONAL COLLABORATIONS

### Chair - Prof Sergio Colafrancesco

|             |                                                                |                                                                                                           |
|-------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 09:00-09:20 | FAST                                                           | Prof Claude Carignan                                                                                      |
| 09:20-09:40 | Horizon 2020 funding opportunities and DST support instruments | Ms Tugela Matubatuba Acting Director: Strategic Partnerships                                              |
| 09:40-10:10 | Radio Net                                                      | Dr Izabela Rottmann<br>Radionet Management                                                                |
| 10:10-10:40 | Jumping JIVE                                                   | Dr Francisco Colomer, Senior Policy Officer & Program Manager<br>Joint Institute for VLBI ERIC (JIVE), NL |
| 10:40-11:00 | APIF                                                           | Prof Lerethodi Leeuw                                                                                      |
| 10:10-11:10 | Update on BRICS Astronomy workshop and collaborations          | Mr Takalani Nemaungani                                                                                    |
| 11:10-11:30 | <b>Tea break</b>                                               |                                                                                                           |
| 11:30-11:45 | China-SA bilateral collaboration in Astronomy                  | Dr Yin-Zhe Ma                                                                                             |
| 11:45-12:00 | Targeted Astronomy bi-laterals                                 | Mr Takalani Nemaungani                                                                                    |

### History of Astronomy Chair

|             |                              |                        |
|-------------|------------------------------|------------------------|
| 12:00-12:30 | History of Astronomy Project | Prof Ian Glass         |
| 12:30-13:00 | Cultural Astronomy Project   | Mr Sivuyile Manxoyi    |
| 13:00-13:10 | Closing Remarks              | Mr Takalani Nemaungani |
| 13:10-14:00 | Lunch                        |                        |

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