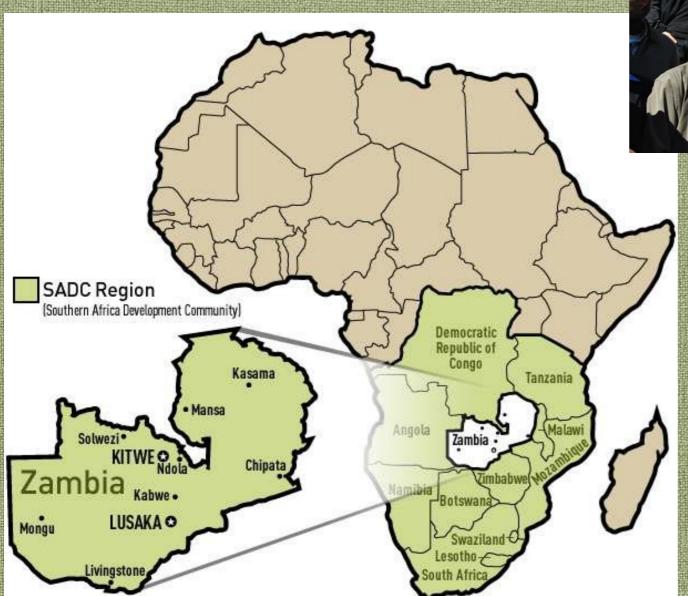
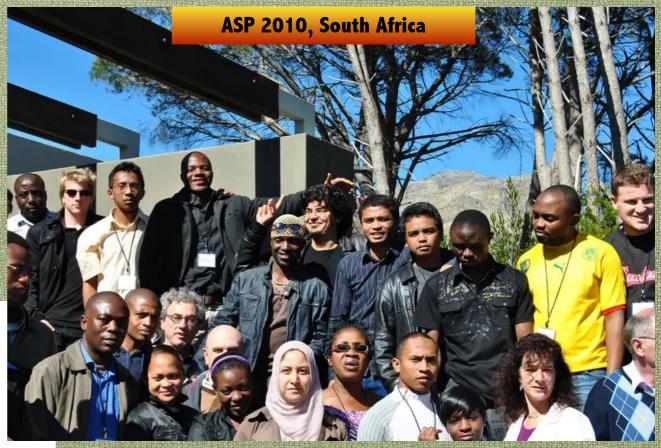
Bridging Africa and inspiring the future through science: my story

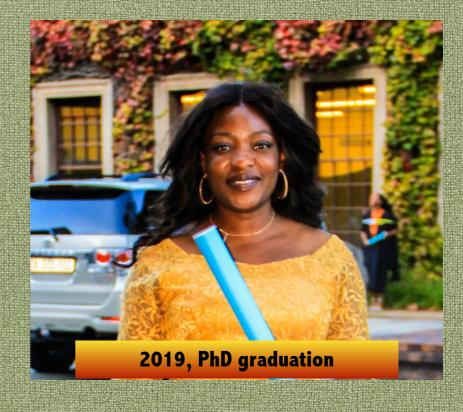


Challenges faced by many African countries

- Challenges in our education system
- Lack of role models
- Laboratory/research output







ASP-2010 (eye -opener)



Career-changing prospects

Networking skills

Role models

Different view on professors/future supervisors

Scholarship opportunities/application processes



"A journey of a thousand miles begins with one step"

- Know yourself
- Set your goals in life
- Dare to dream
- Never give up
- Be thankful



"Stop worrying about the potholes in the road and enjoy the journey"

Bridging Africa







Conferences such as ACP —collaboration among African physicists is important.

Bridging Africa with the rest of the world





- Access of world class facilities in the developed countries
- Career mentorship for young scientists —to lead African projects
- Robust peer review processes resulting from a balanced demographic representation
- Bursaries for science courses as well as sponsorships for early career researchers



Bridging Africa with the rest of the world

support from the CSIC Program of Scientific Co- operation for Development i-COOP+2019 Lourdes Verdes-Montenegro



State Agency for Research of the Spanish MCIU through the "Center of Excellence Severo Ochoa" award to the Instituto de Astrof isica de Andaluc (SEV-2017-0709)

MNRAS 000, 1-?? (2020)

Preprint 20 May 2021

Compiled using MNRAS LATEX style file v3.0

MeerKAT-64 discovers wide-spread tidal debris in the nearby NGC 7232 galaxy group

- B. Namumba,^{1*} B. S. Koribalski,^{2,3} G. I. G. Józsa,^{4,1} K. Lee-Waddell,² M. G. Jones,^{5,16}
- C. Carignan, 6,7,8 L. Verdes-Montenegro, 5 R. Ianjamasimanana, 1,4 W. J. G. de Blok, 9,6,10
- M. Cluver, ¹¹ J. Garrido, ⁵ S. Sánchez-Expósito ⁵ A. J. T. Ramaila, ⁴ K. Thorat, ¹²
- L. A. L. Andati, B. V. Hugo, 1,4 D. Kleiner, 13 P. Kamphuis, 14 P. Serra, 13
- O. M. Smirnov, ^{1,4} F. M. Maccagni, ¹³ S. Makhathini, ¹⁷ D. Cs. Molnár, ¹³
- S. Perkins, M. Ramatsoku, 1,13 S. V. White, F. Loi, 13
- ¹Department of Physics and Electronics, Rhodes University, PO Box 94, Makhanda, 6140, South Africa
- ² Australia Telescope National Facility, CSIRO Astronomy and Space Science, P.O. Box 76, NSW 1710, Epping, Australia
- ³Western Sydney University, Locked Bag 1797, Penrith, NSW 2751, Australia
- ⁴South African Radio Astronomy Observatory, Black River Park, 2 Fir Street, Observatory, Cape Town, 7925, South Africa
- ⁵Instituto de Astrofísica de Andalucía (CSIC), Glorieta de la Astronomía, 18008 Granada, Spain

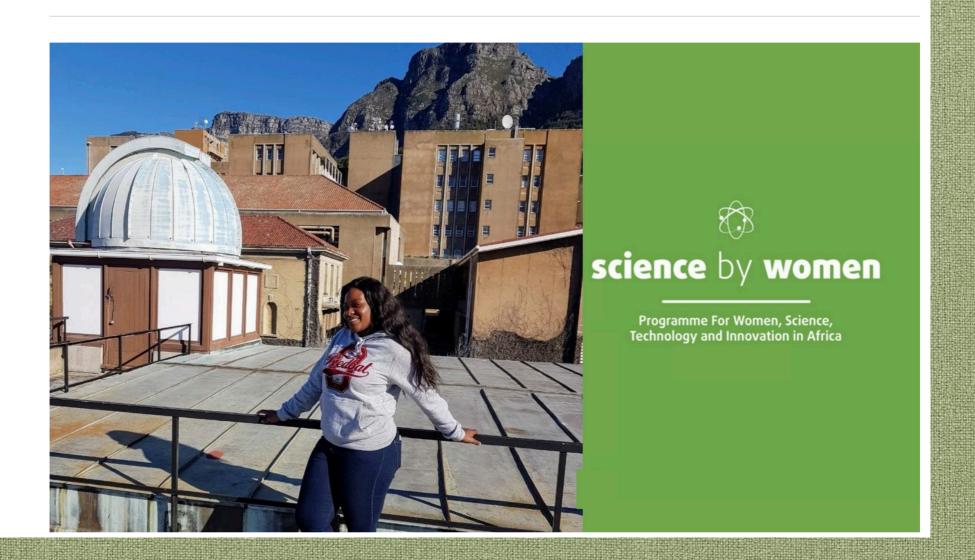
Career mentorship for young scientists—to lead African projects

Bridging Africa with the rest of the world





Brenda Namumba first PhD in Astrophysics in Zambia: "We need to kindle girls interest in science and work hard to keep it"



6 months fellowship at the Institute of Astrophysics of Canary Islands 2021

Physics rocks!!!! Enjoy the Journey

