

# ZAMBIA 2017-2018 DARA ACTIVITIES

Habatwa Mweene



# Zambia in Africa



# DARA Training

- Unit 4 training in May 2017 by Luke Hindson and Jack Radcliffe at University of Zambia (UNZA)
- Unit 1 training for Cohort 3 given by Mark Thompson at UNZA, 6-17 November, 2017
- Units 2 and 3 trainings at HartRAO, February 2018
- Unit 4 training to be given by Hannah Stacey and Martin Hardcastle from 4 to 15 June, 2018 at UNZA

## **2017/2018 Unit 1 Cohort**



J. CHILUFYA



J. CHIPERE



M. KASWHEKA



C. MUTALE



E. NGONGA



A. NKONDE



G. SIDONO



D. SILUNGWE



S. SUNGA



O. CHIBALA



A. BWEMBYA



C. HAMWEENDO

# Profile of Participants

- Mainly from UNZA, with a smattering from Copperbelt University
- A background in Physics favoured over Engineering

# Throughput of Physics Graduates

- 1. 3-4 graduates every year
- 2. Classes filled by those from School of Education
- 3. Education graduates generally lacking high-level Physics courses
- 4. Education students better qualified than Engineering students for Radio Astronomy

# Inclusiveness

- Promised but not achieved
- Most participants from UNZA
- None from Mulungushi University

# Gender Balance

- As usual, skewed in favour of males
- Two females, 10 males
- Reflecting the composition of students in Science programmes



# Industrial Session

- Interest from
- 1. Zambia National Broadcasting Corporation (ZNBC)
- 2. UNZA-Huawei Training Centre
- 3. To engage with the students during Unit 4

# SKA Project

- Overall progress under review
- Land in Kasempa area secured
- SKA can start building

# ZAMBIA



- International boundary
- Province boundary
- National capital
- Provincial capital
- Town, village
- Main road
- Secondary road
- Railway
- ✈ Airport
- The Great North Road



Scale: 1:100,000

Map of Zambia

# Status of AVN Project

- Project at standstill
- Government balking at the bill
- Stakeholder discussions on way forward

# Competition!

- Zambian government pursuing nuclear science and technology
- Research reactor to be constructed
- Nuclear power plant planned
- Physics and Engineering graduates being sent to Russia
- Nuclear science programmes at Masters level to be introduced at UNZA

# Thanks to:

- **The PI**
- **The Steering Committee**
- **The Patient Audience**