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WAKE 2022

Warwick Astronomy Knowledge Exchange



Office of Astronomy
for Development



WARWICK
THE UNIVERSITY OF WARWICK

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Aims of the programme

- Increase in the diversity of people applying for opportunities at Warwick, especially from under-represented countries in the field of astronomy
 - Make people from under-represented communities aware of Warwick University Astronomy Group and the possibilities we offer
- Give students and staff at Warwick an opportunity to create new routes to collaboration and knowledge exchange with early career astronomers from around the world

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How we will do it

We have selected and invited 10 participants from countries with under-represented astronomy programmes to visit Warwick University (fully funded). Here they will interact with staff and students, share their research with us and take part in a programme of workshops and activities.

We will fund collaborative travel and knowledge exchange for local participants, giving priority to those from backgrounds under-represented in STEM.

This will give Warwick students/staff the opportunity to propose their own exchange programmes that suit their needs best, thereby further enhancing their academic/research profiles and improving retention of local talent in the field.

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Where are our 2022 visitors from?



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Applicant selection and numbers

Selection Criteria:

- Come from an under-represented background in astronomy
- Want to pursue a career in astronomy
- Have a strong working knowledge of English, both written and oral, B1/B2
- Have a Master's degree or equivalent level in a STEM subject
- Be able to demonstrate that they will benefit from the programme

In total we have invited 10 visitors to come to Warwick University, and have funded 8 local Warwick participants from under-represented backgrounds to attend career-enhancing collaboration trips and conferences. International applicants were selected on an anonymous basis, on the strength of their application alone.

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Programme events

Research workshops, meetings and lunches with group members

- Exoplanets
- Extragalactic/transients
- Discs
- White Dwarfs
- Centre for Space Domain Awareness (CSDA)
- Centre for Exoplanets and Habitability (CEH)

- Analysing astronomical data
- Machine learning
- Personal development - CVs, websites, social media
- Science Fiction
- Equity, Diversity & Inclusion (ED&I)
- Presentations

General interest workshops

Social events and excursions

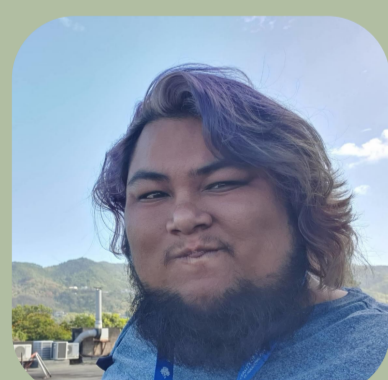
- Welcome dinner
- Campus and observatory tours
- Social lunches
- Wellbeing coffee
- Visit to Greenwich Observatory
- Potluck lunch and BBQ

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The WAKE visitors at NAM

Talks

Hira Fatima (Pakistan)
"Challenges of PhD students nowadays"
Wednesday 9:20am
Session ProfPractice1



Brandon Rajkumar (Trinidad and Tobago)
"Challenges of an early career astronomer: the Caribbean perspective"
Wednesday 9:30am
Session ProfPractice1

Dhanushka Amaradasa (Sri Lanka)
"A ground based All-Sky camera unit with in-situ neural network Assisted data processing pipeline for enhancing space-based services"
Thursday 9:40am
Session SDA1



Larissa Antunes Amaral (Chile)
"Search For New Variable Extremely Low-Mass White Dwarf Stars"
Thursday 10:00am
Session Stellar1

Visitors



Jennifer Chacón
Escuela Politécnica Nacional, Ecuador



Larissa Luciano Amorim
Federal University of Rio Grande do Sul, Brazil



Joshua Attih
University of Ghana, Ghana



Jamila Chouqar
Cadi Ayyad University, Morocco



Keletso Dichaba
Botswana International University of Science and Technology, Botswana



Dejene Zewdie
Diego Portales University, Chile



Mercy Matsete
Botswana International University of Science and Technology, Botswana

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Acknowledgements

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Contact



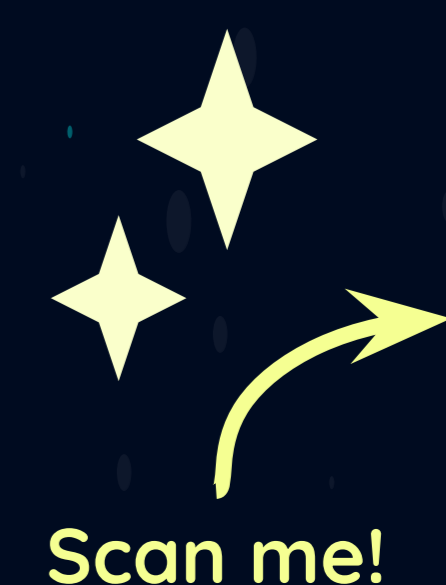
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WAKE website

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Scan me!