



# Post –Doctoral Post in Mathematics Education

## Visualisation in Mathematics Education

**VISUALISATION IN MATHEMATICS EDUCATION** is a new research project focusing on **visualisation processes** in the teaching and learning of Mathematics. Its four pillars within which research questions will be located are:

- Visualisation as a pedagogy
- Visualisation and cognition
- Visualisation as a key mathematical construct
- Visualisation as a medium for epistemological access.

The project is led by Professor Marc Schäfer with collaborations in Namibia and Switzerland.

The post will be located in the **SARChI Mathematics Education Chair at Rhodes University** in Grahamstown. Rhodes University is a leading research intensive University in Africa with a strong post-graduate focus.

### Appointment

- The appointment will be for 1 year in the first instance with the possibility of renewal for a further year;  
The appointment should start in February 2018 or as soon as possible thereafter.

### Qualifications

Applicants should have:

- completed a doctoral degree in mathematics education within the last five years;
- experience in qualitative research in mathematics classrooms;
- strong knowledge of mathematics;
- rich classroom experience.

Please include in your application a detailed CV, certified copies of your qualifications and the names of three contactable referees, as well as a motivation for the research you are interested in pursuing.

Please direct all enquiries and applications to Zipho Mqingwana

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