



# AFRICAN WOMEN IN MATHEMATICS SEMINAR



<https://math.sun.ac.za/awmc/>



## SARAH NAKATO

Sarah Nakato is a promising young Ugandan mathematician working in commutative algebra. She completed her PhD in 2020 at Graz University of Technology in Austria and now has a Postdoctoral position there. Additionally, she gives back to the mathematics community by running facebook groups for mathematics job announcements and stipends.

## FACTORIZATION THEORY IN RINGS OF INTEGER-VALUED POLYNOMIALS

The factorization behaviour of a ring gives a lot of information about its arithmetical and algebraic properties. In fact, one of the aims of factorization theory is to characterize arithmetical and algebraic properties of algebraic structures in terms of factorization properties. In this talk, I will give an overview of my research on factorization theory in rings of integer-valued polynomials. I will mention several open questions during the course of the talk.

### 14:00 CEST, 19 OCTOBER, ONLINE FORMAT

The online African Women in Mathematics Seminar is open to all nationalities and genders. It aims to showcase African women mathematicians as well as feature international speakers of interest. It provides a forum for women mathematicians across Africa to meet regularly, to be inspired, and to meet mathematicians from across the world.

Register here:

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