Stellenbosch
UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

forward together
sonke siya phambili
saam vorentoe

Faculty of Science

Department of Mathematical Sciences
Applied Mathematics Division

Senior Lecturer / Lecturer
Ref. NW08/124/0523

Applied Mathematics, Computer Science and Mathematics form the three divisions of the Department of Mathematical Sciences in the Faculty of Science at Stellenbosch University. The Department also has strong links with the Faculty of Engineering. The Department of Mathematical Sciences is responsible for both teaching and research in Mathematics, Applied Mathematics and Computer Science at Stellenbosch University. The Applied Mathematics Division is keen to strengthen its existing research in the areas of machine learning and computer vision; numerical analysis and scientific computing; fluid dynamics and modelling; computational mechanics; dynamical systems; and applied discrete mathematics.

Duties:

- Actively conducting research and publishing in peer-reviewed journals in a relevant area that aligns with the current research of the Applied Mathematics Division;
- Recruiting and supervising postgraduate students;
- Teaching and coordinating undergraduate and postgraduate Applied Mathematics modules in science and engineering programmes;
- Securing research funding;
- Participating in academically relevant departmental and Faculty activities, as required.

Job Requirements:

- A PhD (completed or submitted) in Applied Mathematics or a closely related field;
- Excellent verbal and written skills in English.

For appointment as **Lecturer:**

- An active research interest in an area that will strengthen the current research groups in the Applied Mathematics Division;

- Evidence of research outputs at peer-reviewed international conferences or in recognised journals;
- Teaching experience in Applied Mathematics (as lecturer, or teaching assistant/tutor at tertiary level).

For appointment as **Senior Lecturer**:

- Evidence of recent research experience in an area that will strengthen the current research groups in the Applied Mathematics Division;
- A growing research publication record in peer-reviewed international conferences or in recognised journals;
- Proven ability and commitment to teaching Applied Mathematics at both undergraduate and postgraduate level;
- Successful postgraduate supervision, at least at master's level.

Recommendations:

- Postdoctoral research experience in academia or industry;
- Experience in lecturing at tertiary level.

Applicants invited for interviews will be expected to present a lecture on their recent research to demonstrate their knowledge and communication skills.

Diensaanvaardingsdatum:

01 October 2023

Closing date:

31 May 2023

Enquiries regarding this post: Prof. IM Rewitzky on 021 808 3289, or at rewitzky@sun.ac.za

Enquiries regarding remuneration/benefits, as well as technical assistance with the electronic application process: Human Resources Client Services Centre on 021 808 2753, or at sun-e-hr@sun.ac.za

Stellenbosch University is committed to employment equity (EE). In accordance with the institutional EE Plan of the University and that of the specific environment, only South African citizens from the designated groups will be considered for appointment.

Stellenbosch University reserves the right not to make an appointment.

Your application, comprising a **comprehensive curriculum vitae (including the names and email addresses of at least three referees)**, must reach the University before or on the closing date of the advertised post.

APPLY ONLINE AT https://www.sun.ac.za/english/careers BY USING THE *APPLY NOW LINK* AT THE TOP RIGHT-HAND CORNER OF THE SPECIFIC VACANCY PAGE.

The University reserves the right to investigate qualifications and conduct background checks on all candidates.

Should no feedback be received from the University within four to six weeks of the closing date, kindly accept that your application did not succeed.
