THE SECOND AFRICAN-NORDIC CONFERENCE IN MATHEMATICS

CONFERENCE THEME

COLLABORATIVE RESEARCH IN MATHEMATICS AND MATHEMATICS EDUCATION FOR SUSTAINABLE DEVELOPMENT

VENUE: LUSH GARDENS HOTEL, ARUSHA, TANZANIA, **DATES:** 11TH to 14TH AUGUST 2026

University of Dar es Salaam · Norad · MATH4 SDG · UNIVERSITAS BERGENSIS

INTRODUCTION

The Mathematics for Sustainable Development (MATH4SDG) project, funded by NORAD under the NORHED II programme, in collaboration with CoRE-MATH, ISP and Sida, is organising the 2nd African-Nordic Conference in Mathematics. The conference, which will take place at Arusha, Tanzania, is being organised through the three MATH4SDG partner institutions at the University of Dar es Salaam (the host), Makerere University (Uganda) and University of Bergen (Norway)

The goal of the conference is to bring together researchers in mathematics and mathematics education to share knowledge, skills, current developments in the fields and promote research collaboration among researchers from Eastern Africa region, the rest of Africa, Europe, Asia, Australia and America.

CONFERENCE PARTICIPATION

The Conference audience will be mathematicians from the Eastern Africa region, the rest of Africa, Europe and the rest of the world. It is anticipated that the total number of conference participants will be about 150.

CALL FOR ABSTRACTS

Abstracts (not more than 400 words) must be prepared and uploaded either in LaTeX or Word using the templates provided on the tabs on the right side of the conference page. Submissions should be sent via the online submission portal. The deadline for abstract submissions is 31st May 2026.

CONFERENCE SPECIAL ISSUE

The 2nd African-Nordic conference organisers are working with the editor of the Tanzania Journal of Science (TJS) to publish selected, peer-reviewed papers from the conference, as part of a dedicated Special issue of the journal. Authors are invited to submit full paper to LoC by 31st October 2026, for expert review. Detailed information on TJS can be found at http://journals.udsm.ac.tz/index.php/tjs. More information on the special issue will be updated on the conference website.

IMPORTANT DATES

- 1st September 2025: Call for abstracts submission and registration
- 31st July 2026: Deadline for conference registration
- 30th May 2026: Deadline for submission of abstracts

ACCOMMODATION

Arusha city offers a variety of accommodation options, and the Local Organizing Committee (LOC) has negotiated special discounted Bed and breakfast rates with the following hotels:
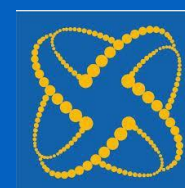
- **Lush Garden Hotel: USD 75**
- **SG Premium Resort: USD 80**
- **Palace Hotel Arusha: USD 100**
- **Silver Palm: USD 60**

Participants may arrange bookings through the Secretary of the LOC or contact the hotels directly. When booking the listed hotels directly, participants should reference the conference name and dates to benefit from the discounted rates.

SCOPE OF THE CONFERENCE

Presentations at the conference will cover a broad range of topics in mathematics and mathematics education including, but not limited to,

- Algebra
- Applied Probability
- Bioinformatics and Biostatistics
- Biomathematics
- Combinatorics
- Complex Analysis; Hypercomplex Analysis
- Computational mathematics
- Data Science
- Financial/Insurance Mathematics
- Fluid Dynamics
- Functional Analysis
- Graph Theory
- Mathematics education,
- Mathematics for AI
- Mathematical Statistics
- Number Theory
- Numerical analysis
- ODEs and Dynamical Systems
- Operations Research
- Optimal control theory
- Optimization
- PDEs
- Real Analysis
- Stochastic processes and Stochastic analysis
- Technology in teaching and learning mathematics,
- Topology and Geometry

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KEYNOTE SPEAKERS

1. Prof. Verdiana Masanja, Emerita - Nelson Mandela African Institution of Science and Technology (NM-AIST), Tanzania
2. Prof. Montaz Ali, University of the Witwatersrand, South Africa
3. Prof. Bettina Dahl Søndergaard, University of Bergen, Norway
4. Prof. Balazs Szendroi, University of Vienna, Austria
5. Prof. Martin Singull, Linköpings universitet, Sweden
6. Prof. Farai Nyabadza, University of Johannesburg, South Africa
7. Prof. Jean Louis Woukeng, University of Dschang, Cameroon

LOCAL ORGANIZING COMMITTEE (LOC)

- Prof. Eunice Mureithi (Chairperson), University of Dar es Salaam
- Dr. Egbert Mujuni (Secretary), University of Dar es Salaam
- Dr. Sylvester E. Rugeihyamu, University of Dar es Salaam
- Dr. James Makungu, University of Dar es Salaam
- Dr. Elizabeth Mrema, University of Dar es Salaam

SCIENTIFIC/INTERNATIONAL COMMITTEE

- Prof. Eunice Mureithi, University of Dar es Salaam
- Prof. John Mango, Makerere University, Uganda
- Prof. Guttorm Alendal, University of Bergen, Norway
- Prof. Bettina Dahl Søndergaard, University of Bergen, Norway
- Prof. Bengt Ove Turesson, International Science Programme, Sweden.
- Prof. Balazs Szendroi, University of Vienna, Austria
- Prof. Lassi Roininen, Lappeenranta -Lahti University of Technology (LUT), Finland
- Prof. Diletta Martinelli, Amsterdam University, Netherlands

FINANCE COMMITTEE

- Prof. Mureithi Eunice, University of Dar es Salaam, Tanzania.
- Dr. Sylvester E. Rugeihyamu, University of Dar es Salaam, Tanzania.
- Prof. John Mango, Makerere University, Uganda.
- Prof. Guttorm Alendal, University of Bergen, Norway
- Prof. Bengt Ove Turesson, International Science Programme, Sweden.
- Prof. Balazs Szendroi, University of Vienna, Austria

LANGUAGE

English will be the official language of the conference.

FINANCIAL SUPPORT

Limited financial assistance to cater for (full/partial) travel and/or local expenses will be provided to some participants, depending on the availability of sponsors. Those seeking support should send their applications through the Secretary for selection by the LoC. Successful applicants will be informed at least one month before the start of the conference. Participants are, however, encouraged to make efforts to secure support.

REGISTRATION FEE

The registration fee is **USD 250** for academics(non-students) participants and **USD 150** for students. The fee covers tea/ coffee during breaks, lunches, the conference dinner, conference materials and airport transfer.

VISA APPLICATIONS

Participants are advised to seek for visa details and other requirements from their respective local Embassies. Invitation letters will be provided on request to those participants requiring visa to enter Tanzania. Requests should be directed to the Secretary of the Local Organising Committee.

EXCURSION

The Local Organising Committee is planning an excursion at the end of the conference, to one of Tanzania's tourist attractions. Up-to-date details shall be available on the conference website.

CONTACTS

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- **Prof John Mango Magero,** (ARUA CORE-MATH, Co-lead), Makerere University, Phone: +256 772 649 455 Email: *mango.john@mak.ac.ug*

MORE INFORMATION

For more information see the conference website: 2nd African-Nordic Conference in Mathematics: *http://math4sdg.udsm.ac.tz/*