



MINI-SCHOOL

NITheCS

National Institute for
Theoretical and Computational Sciences

What does it take to publish in Mathematics?

Prof Amartya Goswami (University of Johannesburg) &
Prof Zurab Janelidze (Stellenbosch University)

Attend online: Wed 9, 16, 23 & 30 July 2025 @ 14h00-15h00 SAST

ABSTRACT

This Mini-school offers practical insights into the process of producing high-quality mathematical research suitable for publication. It will provide a "tricks of the trade" checklist to help participants understand what makes a result publishable in reputable mathematical journals.

Topics include strategies for writing a paper in a short period (around a week) for submission to a strong journal, as well as approaches to developing deeper work over several years for publication in top-tier international journals. The presenters will also share guidance on avoiding common pitfalls and poor practices in mathematical publishing.

This Mini-school is aimed at postgraduate students and early-career researchers in mathematics. More experienced researchers who face challenges in publishing in their target journals may also benefit.

SPEAKER BIOGRAPHIES



Prof Amartya Goswami is affiliated with both the Department of Mathematics and Applied Mathematics at the University of Johannesburg and the National Institute for Theoretical and Computational Sciences (NITheCS). His current research interests include associative rings and algebras, general topology, order, lattices, and ordered algebraic structures. He has authored 33 peer-reviewed articles and has delivered 42 talks at national and international conferences, seminars, and workshops.

Since 2016, he has been co-organising a special session on Categories, Algebra, Topology, and Logic (CATL) at the South African Mathematical Society's (SAMS) annual congress. As of this year, he holds the position of Vice President of SAMS. He is also currently the scientific chair for the focus area "Mathematical Structures for Foundations and Innovation" under NITheCS. He has more than 16 years of teaching experience at undergraduate and postgraduate levels at various institutions in South Africa.



Prof Zurab Janelidze from Stellenbosch University coordinates the focus area "Mathematical Structures for Foundations and Innovation" at NITheCS. He currently serves as the President of the South African Mathematical Society (SAMS) and as the chairperson of the board of directors of South African Mathematics Foundation (SAMF). He also serves on the editorial boards of a Q1 journal, *Applied Categorical Structures*, as well as two other international journals. He currently holds the rating of B1 from the South African National Research Foundation.

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