



MICRO-SCHOOL

NITheCS

National Institute for
Theoretical and Computational Sciences

Professional Presentations Made Simple: LaTeX Beamer on Overleaf

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Fri, 26 September 2025 | 12h00-12h30 SAST

Attend online

ABSTRACT

This session introduces students and researchers to creating professional scientific presentations using the LaTeX Beamer package on Overleaf. Participants will learn how to structure slides, integrate figures and equations, and produce polished, consistent presentations for academic talks. The crash course is designed to be practical, beginner-friendly, and directly applicable to conference, lecture, and thesis defence settings.

BIOGRAPHY

Lerato is a PhD student in Physics at Nelson Mandela University, working in theoretical and computational astrophysics and high-energy physics. Her research focuses on modelling shock waves and magnetic fields in extreme environments such as core-collapse supernovae and heavy-ion collisions, using both analytical approaches and numerical simulations. Beyond her research, she is passionate about science communication, mentorship, and capacity building in theoretical and computational sciences. She has been actively involved with the NITheCS outreach and training programmes, including initiatives that equip learners and students with computational and presentation skills. With extensive experience in Overleaf and the LaTeX Beamer package, she has guided students in producing professional scientific posters, reports, and presentations. Her mission is to empower the next generation of scientists with practical tools that enhance both research impact and communication.



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