



RHODES UNIVERSITY, MAKHANDA, SOUTH AFRICA

STUDENT INFORMATION



MR ZIPHO SAMUEL (DOCTORAL STUDENT)

STUDENT NO: 23S4302

SUPERVISOR: DISTINGUISHED PROFESSOR TEBELLO NYOKONG

CONTACT DETAILS:

Rhodes University
Institute for Nanotechnology Innovation
P O Box 94
Makhanda (Grahamstown) 6140, South Africa
Email: samuelzipho@gmail.com

EDUCATION DETAILS:

PhD (Chemistry) currently – Rhodes University
MSc (Chemistry) 2022- University of Fort Hare
BSc Honours (Chemistry) 2019- University of Fort Hare
BSc (Chemistry) 2018- University of Fort Hare

RESEARCH TITLE/PROJECT:

Synthesis of porphyrin functionalized TiO₂ nanoparticles for the electrochemical sensing of organic pollutants in water

CONFERENCES/WORKSHOPS:

11th Nanosciences Young Researchers' Symposium (NYRS – 2023),

Nelson Mandela University, 7 Sept 2023

Poster Presentation

Z Samuel, M Jokazi, N Nwahara, T Nyokong

TiO₂ nanoparticles functionalized with a porphyrin for electrochemical sensing of pesticides

DSI/Mintek Nanotechnology Innovation Centre (NIC) Annual Workshop

South African Medical Research Council (MRC), 11-12 October 2023

Oral Presentation

TiO₂ nanoparticles functionalized with a porphyrin for electrochemical sensing of pesticides