



**Dr Lucky Mashudu Sikhwivhilu** is a senior research scientist at DST/CSIR Nanotechnology Innovation Centre, National Centre for Nano-Structured Materials, Council for Scientific and Industrial Research (CSIR), Pretoria, South Africa. He obtained his PhD in Chemistry (catalysis, materials Science and nanotechnology) at the Univeristy of the Witwatersrand, Johannesburg.

He obtained CSIR fellowship whilst doing his PhD from CSIR and from this a link was established between himself and CSIR. During his PhD studies he spent time at Indian Institute of Chemical Technology (IICT) in Hyderabad, India on an exchange program where he broadened his knowledge in catalysis. His PhD work was co-supervised at this institute. He worked mostly on hydrogenation processes using modern nanocatalysts. He also spent time in Warsaw, Poland on a postdoctoral fellowship where he worked extensively on high pressure synthesis of nanomaterials using microwave.

He is currently a principal investigator in the India-Brazil-South Africa (IBSA) trilateral initiative on sensors. He is a member of American Chemical Society (ACS), Catalysis Society of South Africa (CATSA) and South African Nanotechnology initiative (SANi).

He collaborates with other researchers both locally and abroad and is involved with student supervision and co-supervision of PhD, MSc, Hons and intern students.