**THE LAKATOSIAN METHODOLOGY IN TEACHING THE SURFACE AREA OF A CONE AND A STUDENT’S CONCEPTUAL TRANSITION**

Ugorji I. Ogbonnaya1 & Chrysoula Dimitriou-Hadjichristou2

1University of Pretoria, South Africa

2 Ministry of Education Cyprus

Corresponding author:

Ugorji I. Ogbonnaya,

Science, Mathematics & Technology Education Department,

University of Pretoria,

Groenkloof Campus

Pretoria 002

[ugorji.ogbonnaya@up.ac.za](mailto:ugorji.ogbonnaya@up.ac.za)

Tel: +27 12 420 5871