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# Computer simulation of Silver (Ag) and Nickel (Ni) Nanomaterials

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Silver and nickel nanomaterials have attract increasing attention for the wide range of applications. Most of their applications are for industrial purposes, high electrical conductivity, automotive catalytic converters, health care, etc. Their applications can be maximized by studying their structural and electronic properties. In this work we utilize molecular dynamics simulation to investigate their properties and energies in relation to different temperature. We also investigate their radial distribution functions for both systems. All calculations will be performed using Sutton-Chen potentials and a computer code called DL Poly code.

## Apply to be considered for a student ; award (Yes / No)?

No

## Level for award;(Hons, MSc, PhD, N/A)?

N/A

**Primary authors:** MATSHABA, Malili (University of Limpopo); Ms MAKHATHINI, Natasha; MAHLADISA, Mokete (University of Limpopo); MOSUANG, Thuto (University of Limpopo)

**Presenter:** MATSHABA, Malili (University of Limpopo)

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