

Computational Modelling of Nano-Systems

CNE6 Seminars

Monday 8th January 2024
Salle des Thèses

09:00 1st Session

- Rudaba Ahmad: *Quantum dots*
- Mohamed Ahmed: *Biologically inspired nano-assembly: 2D DNA origami*
- Eeman Ali: *Organic photovoltaics*
- Johnrich Attupuram Joychan: *Nanoporous materials: applications in adsorption*

10:00 Coffee Break

10:30 2nd Session

- Mamaru Habtamu Belay: *Graphene oxide*
- Claudiu Andrei Crîmpîță: *Atmospheric photochemistry*
- Beatriz Italia De La Toba Acevedo: *Green synthesis of quantum dots*
- Allan Diima: *Supercapacitors: perspective to energy storage*
- Khent Ivan Duerme: *Green nanotechnology*

12:00 Lunch Break

13:30 3rd Session

- Zeynab Farzizada: *Nanotechnology for carbon capture*
- Muhammad Tahir Hafeez: *Inorganic photovoltaics*
- Md Labu Islam: *New developments in high-temperature superconductivity*
- Marcelina Karasek: *Machine learning for predicting molecular properties*
- Ayrah Andrea Marterior: *Graphene-Reinforced Aluminum Alloy Nanocomposites*
- Simon Mburu: *Quantum computing*

15:00 Coffee Break

15:30 4th Session

- Munzer Mohamed: *Nanotechnology for water and water waste treatment*
- Nour Bahnasawy Kamel Moustafa: *Electrocatalysis in Zn-air Battery*
- Withanage Kaveesha Monali Perera: *Cellulose nanomaterials*
- Lessely Shaju: *Nanomaterials for electrocatalytic water splitting for hydrogen generation*
- Line Younes: *Chromophore development for sunscreen*