

PJM Regular Fortnightly Meeting

Report of Contributions

Contribution ID: 17

Type: **not specified**

Computer simulation of diamond as a resilient material in a high radiation environment

Friday, 15 August 2025 14:00 (10 minutes)

Presenter: HLONGWANE, Sibongakonke Sephesihle

Contribution ID: **18**

Type: **not specified**

Improving PET detectors, faster, higher resolution, better visualization.

Friday, 15 August 2025 14:15 (10 minutes)

Presenter: MAILA, Mwalimo Mandisa

Contribution ID: **19**

Type: **not specified**

4IR Sensors for Extreme Environments (SEE) – Instrumentation of Nuclear Reactors (Damage aspect)

Friday, 15 August 2025 14:30 (10 minutes)

Presenter: VAN DER MERWE, Armand

Contribution ID: 20

Type: **not specified**

CFD for the HPHE in a Micro Nuclear Reactor

Friday, 15 August 2025 15:45 (10 minutes)

Presenter: SHABALALA, Zekhethelo

Contribution ID: 21

Type: **not specified**

Studying the absorption and scattering of PET photons in Medical and Mineral PET

Friday, 15 August 2025 15:00 (10 minutes)

Presenter: NCUBE, Prince

Contribution ID: 22

Type: **not specified**

An exercise in Big Data Processing : The search for dark particles at ATLAS, CERN

Friday, 15 August 2025 15:15 (10 minutes)

Presenter: BOSIKA, Unathi

Contribution ID: 23

Type: **not specified**

Optimisation of XRT Sorting :

Friday, 15 August 2025 14:45 (10 minutes)

Presenter: MENO, Goitsemodimo Zeanest

Contribution ID: 24

Type: **not specified**

CFD for Agriculture

Friday, 15 August 2025 15:30 (10 minutes)

Presenter: T MURINGANI, Pardon