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# African Physical Society (AfPS) International Conference | (smr 3476)

## Thursday 19 November 2020

**notitle - Online (10:00-12:55)**

**Chair: Garu Gebreyesus (University of Ghana, Ghana)**

time	title	presenter
10:00	Impact of solvation on the structure and reactivity of the Co <sub>3</sub> O <sub>4</sub> (001)/H <sub>2</sub> O interface: Insights from molecular dynamics Simulations	KENMOE, Stéphane
10:25	Syncrotron Radiation-based X-Ray study on energy storage materials: a case for hematite	DIALE, Mmantsae
10:50	UV and IR absorption spectrum of nitrogen dioxide and water dimer: assessing the accuracy of electronic structure calculations and experiments	NDENGUE, Steve
11:15	Physical Properties of Cation-doped Binary and Ternary Iron Oxides: Experimental and Computational Modeling	WIDATALLAH, Hisham M.
11:40	Atomic and electronic structure of cesium lead triiodide surfaces	SEIDU, Azimatu
12:05	Fighting against COVID-19: A computational biophysics approach	ELFIKY, Abdo
12:30	Discussion	