

**First-principles calculations study of electronic structure, optoelectronic, vibrational analysis, linear and nonlinear optical properties of eosin b (4',5'-dibromo-2',7'-dinitro-3-oxo-3Hspiro[2-benzofuran-1,9'-xanthene]-3',6'-diolate)**

**Abstract Category**

Young Physicists Forum

**Primary author:** Dr FANKAM FANKAM, Jean Baptiste (University of the Witwatersrand. Johannesburg, South Africa)

**Co-author:** Prof. EJUH, Geh Wilson (University of Bamenda)

**Presenter:** Dr FANKAM FANKAM, Jean Baptiste (University of the Witwatersrand. Johannesburg, South Africa)

**Track Classification:** Physics Research