

Reviewer: Prof. Abderrachid BECHIRI

Manuscript Number: **MS: 2012_PRR1_2998**

Title: **The effect of hydrostatic pressure on the electronic properties of TlBr and TlCl radiation detectors**

The authors succeed to investigate the structural and electronic properties of TlBr and TlCl binary semiconductor compounds under the effect of hydrostatic pressure, using the *ab initio* full potential linearized augmented plane wave (FP-LAPW) method within density functional theory (DFT). The topic of the paper is interesting, the study seems to be carefully carried out and the report is acceptable.

The results for various physical quantities are discussed in comparison with available experimental results with a good agreement. In my opinion, this paper should be accepted for publication in the "Physical Review & Research International".

Revise the bibliographical support.

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