boar

## **SAIP2015**

## Tuesday 30 June 2015

## Poster1: DPCMM (16:10-18:00)

-Conveners: Japie Engelbrecht

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[57] A density functional theory and magnetic resonance studies of radiation damage in plastic scintillators	Mr PELWAN, Chad	A.057
[59] A quantification evaluation of the depth resolution of AES depth profiling data of Cu/Ni multilayer thin films using the MRI model	Mr YAN, XinLiang	A.059
[63] Thermoluminescence investigations in K3Ca2(SO4)3F:Dy phosphor	Dr KORE, Bhushan	A.063
[73] Influence of alkaline earth metal cations; Ca <sup>2+</sup> , Sr <sup>2+</sup> and Ba <sup>2+</sup> on the structural and optical properties of MAl <sub>2</sub> O <sub>4</sub> : Eu <sup>2+</sup> , Nd <sup>3+</sup> phosphors.	Mr WAKO, ALI HALAKE	A.073
[82] Calculation of the contribution of core states in CdF2 to the electron-positron annihilation momentum density using generalized gradient approximation.	JILI, Thulani	A.082
[97] XRD and AFM studies of graphene and single-walled carbon nano tube	Ms SHAI, Moshibudi	A.097
[101] Isolation and characterization of carbon nanoballs and nanofibers from an internal combustion (I.C) engine	Dr REDDY, Leelakrishna	A.101
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[134] The surface structure and interfacial reaction analysis of W in 6H-SiC	Ms THABETHE, Thabsile	A.134
[143] Computational modelling studies of recrystallised nano-architectured TiO2 structures at different lithium concentration and temperatures for energy storage applications.	Ms RIKHOTSO, Blessing	A.143
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