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Poster2 - D Ring ground level (17:10-19:00)

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[54] Magnetic and transport studies on Cr _{100-<i>x</i>>/sub>Ir_{<i>x</i>>/i>} alloy single crystals}	Mr FERNANDO, Pius Rodney	A.54
[74] Probing the antiferromagnetism in $ (Cr < sub > 84 < / sub > Re < sub > 16 < / sub > 100 - < i > y < / i > < / sub > V < sub > < i > y < / i > < / sub > alloys using neutron diffraction $	Mrs JACOBS, Bincy Susan	A.74
[76] Effect of Mo content on the Structural and Physical Properties of Cr _{100-<i>x </i>} Mo _{<i>x</i>} Alloys	Dr CHAVAN, A	A.76
[88] Effect of annealing temperature on vanadium dioxide thin films prepared by sol gel method	Mr MADIBA, Itani Given	A.88
[90] Computer simulation study of spinel LiMn ₂ O ₄ nanotubes as a cathode material for lithium-ion batteries	Mr TSHWANE, David Magolego	A.90
[102] Synthesis and characterization of binary phase NiS nanostructures	Ms LINGANISO, Ella	A.102
[106] Computational modelling studies of Pd tellurides	Mr SELOWA, Phatholo Fredy	A.106
[134] Influence of argon-implantation on thermoluminescence of synthetic quartz	Dr NSENGIYUMVA, Schadrack	A.134
[146] High-pressure electrical-transport behaviour in charge-ordered Fe ₂ OBO ₃ and LuFe ₂ O ₄	Mr MUSYIMI, Philip	A.146
[180] Atomistic Simulation Studies of LiMn ₂ O ₄	Ms LEDWABA, Raesibe Sylvia	A.180
[182] Synthesis and characterization of doped perovskite oxides (CaTiO3: Pr, Al) nanophosphors by using sol-gel method.	Mr LOTHA, Thandikhaya Lungisa	A.182
[190] Growth of FeSi nanowires by Chemical Vapour Deposition for Gas Sensing Applications	Dr THABETHE, Sibongiseni	A.190
[204] Electronic structures of oxygen adsorption on {110} nickel-rich pentlandite (Fe ₄ Ni ₅ S _{) mineral surface}	Mr MKHONTO, Peace Prince	A.204
[212] Palladium silicide formation on n-Si (111) By Thermal Annealing	Ms DANGA, Helga	A.212
[216] Charge and magnetic ordering dynamics under pressure in LuFe ₂ O ₄	Mr SIBANDA, Wisdom Nkosilathi	A.216
[248] Pressure effects on the magnetic behavior of the local moment ferromagnet CeCuSi	Prof. HEARNE, GIOvanni	A.248
[250] Sputter deposition and characterization of diamond like carbon thin films	Ms CHONCO, Nelisiwe Princess	A.250
[262] X-ray reflectometry and Surface Brillouin scattering studies of thin films of VC deposited on Si by RF magnetron sputtering	Mr JAKATA, Kudakwashe	A.262

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[282] Reactive DC sputter deposition and charactersation of AlN thin films	Mr NYAWO, Thembinkosi Goodman	A.282
[286] Investigation of the effect of iodine bombardment in glassy carbon.	Ms ODUTEMOWO, Opeyemi	A.286
[294] Effects of Catalyst/Ba mole fraction on the structure and luminescence properties of BaCO3:1% Eu3+,2% Dy3+ phosphors synthesized using sol-gel process.	Ms TEBELE, Angelina Seithati	A.294
[308] Synthesis, characterization and magnetic ordering of the semiconducting intermetallic compound FeGa ₃	Mr AHMED, Mustafa	A.308
[322] Effect of annealing temperature on structural and luminescence properties of Eu3+-doped Y2O3 red-emitting phosphor thin films by Pulse Laser Deposition method.	Mr ALI, Abdub	A.322
[336] Irradiation-induced improvement in crystalline quality of epitaxially grown InGaN thin films: A preliminary study	Dr MADHUKU, Morgan	A.336
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[382] Silicide formation in Pd-Si and Pd-SiC diffusion couples	Mr NJOROGE, Eric	A.382
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[394] Temperature dependence of coercivity and magnetization of Sr1/3Mn1/3Co1/3Fe2O4 nanoparticle ferrites	Mr OSMAN, Nadir	A.394
[406] Temperature-dependent barrier characteristics of Pd/ZnO Schottky barrier diodes	Mr MAYIMELE, Meehleketo Advice	A.406
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[208] Interpretation of Spectral Electroluminescence Images of Photovoltaic Modules	Ms CROZIER, Jacqui	F.208
[226] Chemiresistive Gas Sensing Properties of Vanadium Pentoxide nanoparticles	Mr AKANDE, Amos	F.226
[284] Comparison of the gasifier char-resin blends with gasifier soot-resin blends using different characterization techniques	Mr MELAPI, Aviwe	F.284
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