

SACPM2015

Tuesday 05 May 2015

Presentations: Tuesday Session 1 (09:10-10:50)

time	[id] title	presenter
09:10	[81] Effective doping of ZnO quantum dots with Rare Earth ions for opto-electronic applications	Mr KABONGO, GUY LEBA
09:30	[51] The Role of Titanium Valence on the Luminescence of ZrO ₂ Materials	Mr CARVALHO, Jose
09:50	[38] Polarization Controlled Light Emitter based on Elongated Pyramidal Quantum Dots	Prof. HOLTZ, Per Olof
10:10	[75] Electrical characterization of Au/Ni/AlGa _N Schottky barrier diodes	Dr DIALE, Mmantsae

Presentations: Tuesday Session 2 (11:40-12:30)

time	[id] title	presenter
11:40	[33] Annealed Ce-doped ZnO nanoparticles synthesized by chemical bath deposition method	Dr KOAO, Lehlohonolo
12:00	[69] CHARACTERIZATION OF CRYSTALLITE MORPHOLOGY FOR DOPED STRONTIUM FLUORIDE NANOPHOSPHORS BY TEM AND XRD	Prof. LEE, Mike

Presentations: Tuesday Session 3 (14:00-15:00)

time	[id] title	presenter
14:00	[66] Chloride-based SiC growth on a-axis 4H-SiC substrates	Prof. JANZEN, Erik
14:20	[26] Response of Ni/4H-SiC Schottky barrier diodes to alpha-particle irradiation at different fluences	Mr OMOTOSO, Ezekiel
14:40	[61] Transport characteristics of n-ZnO/p-Si heterojunction as determined from temperature dependent current-voltage measurements	Mr TANKIO DJIOKAP, Stive Roussel

Wednesday 06 May 2015

Presentations: Session 5 (11:20-12:40)

time	[id] title	presenter
11:20	[79] VO2 nanorod as a new candidate for near infrared light harvesting	Mr AKANDE, Amos
11:40	[73] Evolution of stress in thin hard films by surface Brillouin scattering	Dr WAMWANGI, Daniel
12:00	[30] The defect passivation effect of hydrogen on the optical properties of solution-grown ZnO nanorods	Dr URGESSA, Zelalem N.

Thursday 07 May 2015

Presentations: Session 6 (09:40-10:40)

time	[id] title	presenter
09:40	[93] Inductively coupled plasma induced defects in n-Si using low energy Ar ions	Dr COELHO, Sergio
10:00	[12] Effect of Substrate temperature on the defect related emission of ZnO thin films prepared by pulsed laser deposition	Dr KUMAR, Vinod

Presentations: Session 7 (11:20-12:40)

time	[id] title	presenter
11:20	[3] ANOTHER METHOD TO DETERMINE THE REFRACTIVE INDEX OF Al _x Ga _{1-x} N	Prof. ENGELBRECHT, JAA
11:40	[4] Optoelectronic properties and structural dependence of carbon nanomaterials-based hybrid organic photovoltaic devices	Dr AISSA, Brahim
12:00	[90] Characterisation of Defects in Photovoltaic modules using Electroluminescence and Large-Area Light Beam Induced Current (LA-LBIC) techniques	Prof. VAN DYK, Ernest

Presentations: Session 8 (13:30-15:00)

time	[id] title	presenter
13:30	[88] Non-rare earth doped persistent luminescence materials	Prof. HÖLSÄ, Jorma
13:50	[22] Effect of Ag doping on the luminescence of ZnO and ZnO:Tb	Mr ABBASS, Abd Ellateef
14:10	[42] Luminescence investigation of dual mode emitting Ho ³⁺ doped tellurite glass	Dr PANDEY, Anurag
14:30	[54] Synthesis and Characterization of luminescence magnetic nanocomposite for biomedicine application	Mr AYABEI, Kiplagat

Presentations: Session 9 (15:20-16:30)

time	[id] title	presenter
15:20	[71] Structure and Spectroscopic Properties of M(Qn) ₃ complexes	Prof. VISSER, Hendrik
15:40	[45] XPS investigation of the photon degradation of Znq ₂ green organic phosphor.	Dr DUVENHAGE, Mart-Mari
16:00	[16] AB-INITIO CALCULATION OF THE ELECTRONIC STATES INDUCED BY Nb AND Cr DOPING OF RUTILE AND ANATASE TiO ₂ .	Ms MULWA, WINFRED