

SAIP2012

Thursday 12 July 2012

Biophysics (16:00-17:20)

time	[id] title	presenter
16:00	[554] Quantum effects in biological systems: An introduction	Prof. PETRUCCIONE, Francesco
16:20	[552] Biophysical Characterization of Biologics	Dr STOYCHEV, Stoyan
16:40	[553] Optical tweezing, guiding, sorting and transfection of mammalian cells	Dr MTHUNZI, Patience
17:00	[276] Effect of epidermal absorption on laser treatment dose calculations	Mrs KARSTEN, Aletta

Friday 13 July 2012

Biophysics (08:00-09:20)

-Conveners: RAYMOND WALTER SPARROW

time	[id] title	presenter
08:00	[286] Comparison of optical techniques to measure melanin absorption	Mrs KARSTEN, Aletta
08:20	[35] An FTIR study on the chlorophyll and apoprotein aggregation states in LHCII due to solvent effects	Dr SMIT, Jacoba
08:40	[549] Elastic response of filament networks with active cross-links	Prof. MÜLLER-NEDEBOCK, Kristian
09:00	[87] Modelling the HIV epidemic in Africa	Dr MATTHEWS, Alan

Biophysics (11:00-12:20)

-Conveners: RAYMOND WALTER SPARROW

time	[id] title	presenter
11:00	[19] On the calculation of solvation free energy from Kirkwood-Buff integrals: A large scale molecular dynamics study	Mr DEDNAM, Wynand
11:20	[551] Profiling of Nutrients and trace elements in Sorghum bicolor mutants	Ms MBAMBO, Zodwa
11:40	[550] Molecular modelling of calcium dependent protein kinase 4 (CDPK4) from plasmodium falciparum	TSEKOA, Tsepo