

## **PRIZES : MSSA 2008**

### **WIRSAM PRIZE FOR BEST STUDENT PAPER (LIFE SCIENCES)**

P Naidoo with co-authors J Wesley-Smith and T Bush

Localisation of Xylan in *Eucalyptus* dissolving pulp fibres using enzyme-gold labeling and TEM

### **WIRSAM PRIZE FOR BEST STUDENT PAPER (PHYSICAL SCIENCES)**

J E Wesstraadt with co-authors J H Neethling, C Montross and I Sigalas

Orientation relationships in silicon carbide-diamond composites

### **WIRSAM PRIZE FOR BEST LIGHT MICROSCOPY PRESENTATION (Paper or poster, any field)**

No award

### **SMM PRIZE FOR BEST PAPER ON INNOVATIVE TECHNIQUE IN MICROSCOPY**

No award

### **LECIA PRIZE FOR BEST PRESENTATION : CONFOCAL MICROSCOPY**

Shared: C W Swart with co-authors P W J van Wyk and J L F Kock:  
Electron and confocal microscopic examination of oxylipin  
accumulation in fermentative and non-fermentative yeasts

## **AND**

E van de Merwe, with co-authors R van der Sluis, T L Meiring,  
A N Hall, H Huismans and V van Staden

Conserved residues in nonstructural protein NS3 of African  
Horsesickness Virus influence subcellular localisation

## **MARY VEENSTRA PRIZE FOR THE BEST POSTER PRESENTATION (Any field)**

V Govender (posthumous) with co-authors T A S Aveling, Q Kritzing and C F  
van der Merwe:

The effect of fungicide seed treatments on the ultrastructure of maize seeds

## **WIRSAM PRIZE FOR MOST OUTSTANDING OVERALL PRESENTATION**

C I Lang with co-authors D R G Mitchell and S Nxumalo:

The order transformation in Pt 11at.% V

## **ALS PRIZE FOR MOST PROMISING BLACK ELECTRON MICROSCOPIST**

S Kimani

## **FEI PRIZE FOR BEST PUBLICATION**

### **Life Sciences**

Robert Ndoria Thuku , Brandon W Weber, Arvind Varsani and B Trevor Sewell:

Post-translational cleavage of recombinantly expressed nitrilase from *Rhodococcus rhodochrous* J1 yields a stable active helical form.

### **Physical Sciences**

#### **Shared**

Johan E Westraadt, Natalia Dubrovinskaia, Jan Henoch Neethling and Iakovos Sigalas:

Thermally stable polycrystalline diamond sintered with calcium carbonate

#### **AND**

A Douglas, J H Neethling, R Santamarta, D Schryvers and L A Cornish:

Unexpected order behaviour of Pt<sub>3</sub>Al intermetallic precipitates

## **FIONA GRAHAM PRIZE FOR THE 1<sup>st</sup> time accepted abstract**

M R Crole

R N Thuku

J E Westraadt