

Amanzi Student Prizes

1. Best student/post-doctoral oral prize (R4 000): **Edward Lee** for oral 11 "*Synthesis and characterisation of Y_2O_3 phosphor co-doped with bismuth and ytterbium ions for application in solar cells*".
This prize is accompanied by a Young Scientist Award from the International Association of Advanced Materials.
2. Runner-up student/post-doctoral oral prize (R3 000): **Ashwini Kumar** for oral 22 "*Co-operative energy transfer in Yb^{3+} - Tb^{3+} co-doped $SrGd_4O_7$ upconverting phosphor*".
3. Best post-doctoral poster prize (R4 000): **Trilok Pathak** for poster 34 "*Effect of annealing temperature on structural and luminescence properties of Eu doped $NaYF_4$ phosphor*".
This prize is accompanied by a Young Scientist Award from the International Association of Advanced Materials.
4. Best student poster prize (R4 000): **Fatemah Taghizedah** for poster 13 "*Laplace DLTS characterization of the fine structure associated with the radiation induced E3 defect in GaAs*".
This prize is accompanied by a Young Scientist Award from the International Association of Advanced Materials.
5. Runner-up student poster prize (R3 000): **Danielle Venter** for poster 39 "*Capacitance spectroscopy on GaNAs/GaAs quantum structure embedded solar cells*"
6. Second runner-up student poster prize (R3 000): This prize was shared between
 - **Alexander Paradzah** for poster 8 "*Ultrafast electron and hole dynamics of photo-excited hematite thin films: An intensity dependency study*"
 - **Zamaswazi Tshabalala** for poster 74 "*Structural transformation and enhanced gas sensing characteristics of TiO_2 nanostructures induced by annealing*"