

# Particle Physics Masterclass 2010

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| 10:00 | <b>Foyer</b><br>Registration at front desk (T. Anderson , C. Morris )  |  |   |
| 10:30 | <b>Powell Lecture Theatre ALL Groups</b><br>10:30 - 10:40 Introduction (Nick Brook)<br>10:40 - 11:10 Into the Heart of the Matter (Helen Heath)<br>11:10 - 11:40 A Guide to Detectors (Joel Goldstein)   |  |   |
| 11:45 | <b>Enderby Room All Groups</b><br>Refreshments ( H Heath, J Spencer )  |  |   |
| 12:00 | <b>Access Grid Rooms (G.45 and 3.29)</b><br>Group A<br>12:00-12:30 Video<br>Conference with LHC scientist at CERN (Rob Frazier, Jim Brooke, J Acosta Quintero, S. Holland)<br><br><b>3.21</b><br>Group A<br>12:40 – 13:15<br>Detector Game<br>(K Nirunpong, R Page, D Voong)     | <b>Enderby Room</b><br>Group B<br>12:00 – 12:35<br>Detector Game<br>(K Nirunpong, R Page, D Voong)<br><br><b>Access Grid Rooms (G.45 and 3.29)</b><br>Group B<br>12:45-13:15<br>LHC Chat + Video<br>Conference with CERN (Rob Frazier, Jim Brooke, J Acosta Quintero, S. Holland)  | <b>Computing Lab 1.14</b><br>Groups C, D<br>12:00 – 12:55 Measuring the W boson at LHC<br>(D Cussans, A Solomin, D Newbold, J Imong, S Ward, G. Heath, J Spencer, C Morris)<br><br><b>Powell</b><br>12:55 – 13:15 High performance computing and GRID ( J Jackson)      |
| 13:15 | <b>Enderby Room</b><br>Lunch ( D Newbold, J Acosta Quintero , J Spencer , S. Holland, C. Morris)   |  |   |
| 14:00 | <b>Computing Lab 1.14</b><br>Groups A & B<br>14:00 – 14:55 Measuring the W boson at LHC<br>(M Grimes, P Baesso, D Newbold, T Hampson, L Kreczko, G. Heath, J Acosta Quintero, S. Holland)<br><br><b>Powell</b><br>14:55 – 15:15 High performance computing and GRID ( J Jackson) | <b>Access Grid Rooms (G.45 and 3.29)</b><br>Group C<br>14:00-14:30 Video<br>Conference with LHC scientist at CERN<br>(Marco Adinolfi, Paras Naik, J. Spencer, C. Morris)<br><br><b>Enderby Room</b><br>Group C<br>14:40 – 15:15<br>Detector Game<br>(K Nirunpong, R Page, D Voong) | <b>3.21</b><br>Group D<br>14:00 – 14:35<br>Detector Game<br>(K Nirunpong, R Page, D Voong)<br><br><b>Access Grid Rooms (G.45 and 3.29)</b><br>Group D<br>14:45-15:15<br>LHC Chat + Video<br>Conference with CERN<br>(Marco Adinolfi, Paras Naik, J. Spencer, C. Morris) |
| 15:15 | <b>Enderby Room, All Groups</b><br>Refreshments ( H Heath , S. Holland )<br>15:15 Results of computer exercise – who got the best branching ratio? (Greg Heath)<br>15:30 Quiz ( Helen Heath )<br>15:45 Results and prizes for Quiz/ Detector Game. Wrap-up ( Nick Brook )        |  |   |
| 16:00 | <b>Finish</b>  |  |   |