Sixth Summer Systems & Control Workshop
UNSW Biomedical Lecture Theatre B, February 20th 2009
Final Program

8:40  Registration
9:00  Opening

SESSION I  Neuromorphic Engineering  Chair: Dr James Welsh, U Newcastle

9:15  A/Prof Andre van Schaik, University of Sydney
      Analogue VLSI Modelling of Signal Processing in the Auditory Pathway

10:00  Floor Discussion
10:10  Morning Tea

SESSION II  Bionics  Chair: Prof V Solo, UNSW

10:40  Dr Brett Swanson, Cochlear Ltd., Sydney
      Challenges in Cochlear Implant Sound Perception

11:25  Floor Discussion
11:35  A/Prof Gregg Suaning, UNSW
      Signals of Vision - Getting the Message from the Bionic Eye to the Brain

12:20  Floor Discussion
12:30  Lunch

SESSION III  Biological Motion and Applications  Chairs: Prof Claude Sammut, UNSW
                                        A/Prof Anne Simmons, UNSW

2:00  A/Prof David O’Carroll, University of Adelaide
      Neuromorphic motion detectors based on insect vision and
      applications for control of miniature autonomous vehicles

2:45  Floor Discussion
2:55  Afternoon Tea

3:25  Prof Marcus Pandy, University of Melbourne
      Advanced computational modelling of human gait

4:10  Floor Discussion
4:20  Close