Adapting to the colour of museum lighting: colour constancy in the real world.

1. Introduction *– All*
2. Literature Review
   1. Colour Science
      1. Illumination and Colour Vision *– LM and KT*
      2. Colorimetry and Colour Measurement *– LM and KT*
      3. Colour rendering and light quality specification *– KT*
   2. Museum Lighting
      1. Current practise in specifying museum lighting (interviews) *– KC and CK*
      2. Balancing conservation with observation *– KC and CK*
      3. Damage factors *– KC and CK*
      4. LEDs in museums *– KC and CK*
      5. New opportunities with solid-state lighting *– KT, KC and CK*
   3. ipRGCs *– LM and KT*
   4. Research questions and hypothesis
3. Computational Experiment
4. Tablet Method *– LM and KT (and others, as this shall be the first completed chapter)*
5. Large Sphere *– LM and KT*
6. Small Sphere *– LM and KT*
7. *Experiment TBC – ?*
8. General discussion
   1. Contribution to vision science *– LM and KT*
   2. Recommendations for museum lighting *– All*
   3. Future work *– All*
9. Conclusions
10. Bibliography/References