Notes of mini-workshop on Consistent Colour Appearance, 24 January 2017, Yamagata University

Participants: Yasuki Yamauchi, Hirokazu Kondo, Hitoshi Ogatsu, Phil Green, Craig Revie, Greg High (teleconference) + students

Agenda

9:15-11:10 Lab. tour
11:30-13:00 Lunch
13:00 - 16:00 Workshop
    CIE TC 8-16 Consistent Colour Appearance (CCA) in a Single Reproduction Medium (Craig Revie, FFEI)
    A model of consistent colour appearance (Greg High, NTNU)
    Proposed future work on CCA at Yamagata University (Yasuki Yamauchi, Yamagata University)
    CCA work in Fujifilm and FujiXerox (Hirokazu Kondo, Fujifilm)
    General Discussion

Meeting ideas:
(a) Identification of important colours in an image.
(b) Yamagata research could be extended to use ICC Relative Colorimetric rendering with BlackPoint Compensation as its base rendering and adapt to use CIECAM02 or CAM16.

Observations:
(a) Display vs print matching: can display simulate the print results sufficiently well? Gjøvik research indicates perhaps this will be difficult.
(b) Kondo-san proposed evaluation which compares sets of images where all images in each set use the same rendering algorithm. The suggestion was to use pair comparison to assess the images but this leads to many comparisons – number of images * number of rendering algorithms ^ 2. An alternative would be to use category judgement which would reduce the number of assessments.