

You are hereby invited to our next Colorlab workshop entitled "Psychophysical experiments for image quality" It will take place at Gjøvik University College, in G301, on Wednesday June 4th from 0900 on. The workshop is free of charge and open to all faculty and students, as well as external participants. Please register by sending an email to natasja.bours@hig.no by June 2nd.

Psychophysical experiments, a.k.a. panel tests or blind tests, using well known protocols such as pair comparison and category judgment, are currently unavoidable tools whenever one needs to evaluate perceptual image quality. However, everyone who has conducted (or participated in) such experiments (for instance many of our master and PhD students), agree that they are very time consuming, and difficult in many ways. Also, we suspect that some dubious statistical assumptions are involved. By bringing scientists from academia and industry together in this workshop, we aim to get one step further on these issues.

Workshop program (subject to modifications - check <http://www.colorlab.no/events> for updates)

0900-0915: Quantifying quality - an introduction to color image quality research, Jon Y. Hardeberg

0915-0945: Evaluating gamut mapping algorithms - experiences with psychophysical experiments, Nicolas Bonnier (Océ, France)

0945-1000: Revisiting the statistical assumptions of psychometric scaling, Ivar Farup

1000-1045: Discussion session:
Statistics and psychophysical experiments

1045-1100: Rank order and image difference,
Marius Pedersen

1100-1115: An alternative perceptual experiment method - research plans,
Gabriele Simone

1115-1130: Web-based perceptual experiments - experiences so far,
Marius Pedersen

1130-1315: Discussion session (lunch served at 1200):
Collaborative web-based image quality experiment
(or other topic of common interest)

After the workshop, at 1400 Christian Askim of Askim Fag-Import AS will give a sales demonstration of Leaf Aptus medium format camera systems and Hensel studio equipment. This will take place in A002.

On request it will also be possible to organize a visit of our laboratory facilities.

Best Regards,
Jon Hardeberg