

Gjøvik Color Imaging Symposium 2009



June 19, 2009

The Norwegian Color Research Laboratory
Gjøvik University College, Gjøvik, Norway

18.06.2009

8:45 - 15:40

SCIA2009 continues in Oslo

16:13 - 18:16

Possible train Oslo Gjøvik

17:07 - 19:07

Possible train Oslo Gjøvik

TBD

Pre-GCIS Workshop with Eli Peli

G301 (Ørneredet)

19.06.2009

8:00 - 8:30

Registration

K102

Session 1: Image Quality 1

8:30 - 8:35

Symposium Opening and Welcome Address

8:35 - 9:15 Keynote

Towards a Comprehensive Color Image Quality Metric

Sabine Süsstrunk

9:15 - 9:30 Invited

A Hybrid Image Quality Measure for Automatic Image Quality Assessment

Atif Mansoor

7:07 - 9:05

Possible train Oslo Gjøvik

9:30 - 9:50

Coffee break - registration continues

Session 2: Image Quality 2

9:50 - 10:20 Invited

From Perceptual Features to a Quality Metric

Chaker Larabi

10:20 - 10:40 Invited

111 Full-Reference Image Quality Metrics and Still Not Good Enough?

Marius Pedersen

10:40 - 10:55 Paper

An Alternative Color Difference Formula for Computing Image Difference

Gabriele Simone, Claudio Oleari, Ivar Farup

10:55 - 11:10 Paper

Performance of the Difference of Gaussian model in Image Difference Metrics

Sebastien A. Ajagamelle, Gabriele Simone and Marius Pedersen

11:10 - 11:30 Invited

Image Quality Measures and Individualized Conjoint Analysis for Evaluating Gamut Mapping Algorithms

Zofia Baranczuk

11:30 - 13:30

Lunch buffet, poster session

A012 area

Session 3: Poster session

Puneet Sharma, Faouzi Alaya Cheikh and Jon Yngve Hardeberg. Face Saliency in Human Visual Saliency Models
Alessandro Rizzi, Aditya Sole and Peter Nussbaum. Color and Lightness Perception under Different Illuminations
Arne Magnus Bakke, Jean-Baptiste Thomas and Jérémie Gerhardt. Common Assumptions in Color Characterization of Projectors
Dibakar Pant. Least-Square Technique for Color Reproduction of the Semi-Transparent Material
Pesal Koirala, Markku Hauta-Kasari and Jussi Parkkinen. Highlight Removal Method for Spectral Image
S George, J Y Hardeberg and T G George. A fully Automatic Redeye Correction Algorithm with Multilevel Eye Confirmation
Olivier Tulet, Chaker Larabi and Christine Fernandez. Study of Spatio-temporal Influence on Color Appearance
Patrick Harding and Neil Robertson. Finding Visually Interesting Regions using SURF Points
H S Anderson, J Y Hardeberg, M R Gupta. Full Reference Image Quality Metrics for Optimizing Example-based Total Variation Deblurring

Session 4: Vision and Image Processing

13:30 - 14:30 Keynote

From Contrast to Sensitivity: Vision and Image Processing

Eli Peli

14:30 - 14:45 Paper

Perceptual Uniformity in Digital Imaging

Charles Poynton

14:45 - 15:05 Invited

A Comparison of Interest Point Detectors with Passive and Task-Based Visual Saliency

Patrick Harding

15:05 - 15:30

Coffee break

Session 5: Color and Multispectral

15:30 - 15:45 Paper

Correlation Between Visual and Instrumental Color Differences of Metallic Paints

A Treméau and C Godeau

15:45 - 16:00 Paper

Color Management Using Device Models And Look-Up Tables

S Srivastava, T Ha, J Allebach, E Delp

16:00 - 16:15 Paper

Optimal Color Mapping of Multispectral Images

B S Dissing and J M Carstensen

16:15 - 16:30 Paper

Analysis of Omnidirectional Spectral Images in Natural Scenes

S Tominaga, A Matsuura, T Horiuchi

16:30 - 17:30

Open lab, poster session, discussions

A012 area

20:00 - 0:00

Conference dinner

Brusveen Gård

Symposium program (as of 12.06.09, subject to change)

Symposium venue: Gjøvik University College, Gjøvik, Norway, K102 (A building)

Symposium general co-chairs: Jon Y. Hardeberg and Alessandro Rizzi

Proceedings chair: Gabriele Simone, Poster chair: Aditya Sole

Sponsored by: Gjøvik University College, The Norwegian Research Council

For more information and registration, see <http://www.colorlab.no/gcis>, or email gcis@hig.no