

Gjøvik Color Imaging Symposium 2007



June 13-15, 2007
The Norwegian Color Research Laboratory
Gjøvik University College, Gjøvik, Norway

13.06.2007

08:15 - 15:10

Fargestyringskonferansen (Colour Management Conference), Oslo, Norway

For more information, see <http://www.igm.no>

17:30 - 20:30

Color cruise with Skibladner from Eidsvoll to Gjøvik

An evening to remember on the world's oldest paddle steamer (<http://www.skibladner.no>)

14.06.2007

08:00 - 08:30 K102

Registration, with coffee and sandwiches

Session 1: Vision and Color Science

08:30 - 08:45	K102		Conference Opening and Welcome Address	Jørn Wroldsen	President/Rector, Gjøvik University College
08:45 - 09:30	K102	Keynote	Spatial color vision	Alessandro Rizzi	University of Milano, Crema, Italy
09:30 - 10:00	K102	Invited	The response of primate cone-opponent cells to light stimulation	Thorstein Seim and Arne Valberg	Norwegian University of Science and Technology, Trondheim
10:00 - 10:10	K102	Student	Color memory match under disparate viewing condition	Ondrej Panak	Gjøvik University College and University of Pardubice, Czech Republic
10:10 - 10:20	K102	Student	Perceptible and Acceptable Colour Difference Thresholds for Printed Skin Tone and Achromatic Background Images	Eriko Bando	Gjøvik University College and London College of Communication
10:20 - 10:30	K102		Discussion		
10:30 - 10:45			<i>Coffee break</i>		

Session 2: Introductory tutorials and workshops (Parallel tracks)

2A	10:45 - 12:15	A012	Workshop	Color Management Workshop	Peter Nussbaum	Gjøvik University College
2B	10:45 - 12:15	A007	Demo	Into the darkness – a phenomenal experience of light and colour	Jan H. Wold	University of Oslo
2C	10:45 - 12:15	A204	Tutorial	Introduction to Matlab for Color Imaging	Jeremie Gerhardt	Gjøvik University College

12:15 - 13:00

Lunch

Session 3: Color Management and device characterization

	13:00 - 13:45	K102	Keynote	Studies on Image Control for Better Reproduction in Offset	Emmi Enokson	Dalarna University, Sweden
	13:45 - 14:05	K102	Paper	Digital camera RAW profiling	Jo Kirkenær	JSK Consulting, Carlsbad, California
	14:05 - 14:15	K102	Student	Colorimetric characterization of input media used in motion picture production	Steffen Paul	Gjøvik University College and Mittweida University of Applied Sciences, Germany
	14:15 - 14:35	K102	Invited	Recent developments in ICC colour management	A. Sole (P. Green)	London College of Communication, UK
	14:35 - 14:45	K102		Discussion		
	14:45 - 15:00			<i>Coffee break</i>		
	15:00 - 15:20	K102	Paper	Measurement of colour on translucent material viewed by reflection	Aditya Sole	London College of Communication, UK

Session 4: Color in displays

	15:20 - 15:40	K102	Paper	Certifying Monitor Proofing Systems	Jo Kirkenær	JSK Consulting, Carlsbad, California
	15:40 - 16:00	K102	Paper	A new LCD display color characterization model	Jean-Baptiste Thomas	University of Burgundy, Dijon, France, and Gjøvik University College
	16:00 - 16:10	K102	Student	Camera based calibration of projectors, investigation of the Bala method	Espen B. Mikalsen	Gjøvik University College
	16:10 - 16:30	K102		Discussion		

19:00 - 22:00

Visit and Dinner at Gjøvik Gård

15.06.2007

Session 5: Advanced tutorials/workshops

5A	08:00 - 08:45	A012b	Workshop	Eye tracking for color imaging research	Marius Pedersen	Gjøvik University College
5B	08:00 - 08:45	K102	Tutorial	Introduction to multispectral color imaging	Jon Yngve Hardeberg	Gjøvik University College
5C	08:00 - 08:45	A002	Workshop	Digital camera RAW profiling	Jo Kirkenær	JSK Consulting, Carlsbad, California
5D	08:00 - 08:45	A204	Workshop	Gamut visualization and mapping using ICC3D	Ivar Farup and Arne Magnus Bakke	Gjøvik University College

08:45 - 09:15

Coffee break

Session 6: Color and printing

	09:15 - 09:35	K102	Invited	How might inkjet be developed?	Carinna Parraman	University of the West of England, Bristol, UK
	09:35 - 09:55	K102	Paper	Color mixing and color separation of pigments with concentration prediction	Pesal Koirala	University of Joensuu, Finland
	09:55 - 10:05	K102	Student	GCR and dot gain in offset	Niclas Lundström	Linköping University, Norrköping, Sweden
	10:05 - 10:15	K102	Student	Evaluation of characterization methods of Printer MTF	Nicolas Bonnier	ENST, Paris and Océ Print Logic Technologies, Créteil, France
	10:15 - 10:25	K102	Student	Method to deal with colour measurements on papers, containing Fluorescent Whitening Agents	Eva Löffler	London College of Communication, and Stuttgart Media University
	10:25 - 10:35	K102	Student	Topographical micro-changes in corrugated board liners – a comparison between laboratory and full-scale effects.	Marcus Rehberger	STFI Packforsk and Royal Institute of Technology, Stockholm, Sweden
	10:35 - 10:50	K102		Discussion		

Session 7: Color image processing

	10:50 - 11:10	K102	Invited	A generalized approach of color morphology by means of pareto-set theory	Katrin Franke	Gjøvik University College
	11:10 - 11:30	K102	Paper	Video-based analysis for facial skin appearance with automatic face tracking	Takao Makino	Chiba University, Japan
	11:30 - 11:40	K102	Student	Perceptual evaluation of colour gamut mapping algorithms	Fabienne Dugay	Grenoble Institute of Technology and Gjøvik University College
	11:40 - 11:50	K102	Student	Image difference metrics and region-of-interest	Marius Pedersen	Gjøvik University College
	11:50 - 12:00	K102		Discussion		

12:00 - 13:30 A006

Lunch buffet and open color lab (demos)

Session 8: Multispectral Color Imaging

	13:30 - 14:15	K102	Keynote	Appearance reproduction for 3D soft proofing, skin color reproduction, and e-commerce	Norimichi Tsumura	Chiba University, Japan
	14:15 - 14:35	K102	Paper	New decomposition basis for reflectance recovery from multispectral imaging systems	Alamin Mansouri	University of Burgundy, Auxerre, France
	14:35 - 14:55	K102	Paper	Spectral reproduction versus color reproduction	Jérémie Gerhardt	Gjøvik University College and Ecole Nationale Supérieure des Télécommunications, Paris
	14:55 - 15:05	K102	Student	Multispectral color imaging	Rhanem Jbilat	University of Burgundy, Dijon, France
	15:05 - 15:50	K102		Discussion		
	15:50 - 16:00	K102		Conference closing	Jon Y. Hardeberg	Gjøvik University College

Conference program (as of 05.06.07, subject to change).

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

Conference chair: Professor Jon Y. Hardeberg

Conference committee: J. Y. Hardeberg, P. Nussbaum, I. Farup, N. Tsumura, M. Werfel, A. Rizzi, P. Gouton

Sponsored by Océ Print Logic Technologies, Gjøvik University College, The Norwegian Research Council

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



Printing for Professionals