

# Gjøvik Color Imaging Symposium 2011



September 7-9, 2011  
The Norwegian Color Research Laboratory  
Gjøvik University College, Gjøvik, Norway

## Wednesday 07.09.2011

08:30 - 09:00	<i>Registration w/coffee</i>		<i>A Building Entrance</i>
<b>Session 1: The basics (Chair: Aditya Sole)</b>			<b>A204</b>
09:00 - 12:00	Tutorial	Introduction to digital imaging 1	Michael Kriss Portland State University, USA
11:40 - 12:40		PCSPA2011 Session on Image Analysis and Processing	K113
12:40 - 13:40	<i>Lunch (on your own)</i>		<i>Canteen</i>
<b>PCSPA/GCIS Joint Session: Color Imaging (Chair: Jon Y. Hardeberg)</b>			<b>K113</b>
13:40 - 14:00	Paper	Visualization of spectral images: a comparative study	Steven Le Moan Gjøvik University College and Université de Bourgogne
14:00 - 14:20	Paper	Seam carving for multi-projector displays	Arne Magnus Bakke Gjøvik University College
14:20 - 14:40	Paper	A total variation based color image quality metrics with perceptual contrast filtering	Gabriele Simone Gjøvik University College
14:40 - 15:00	Paper	Quality Improvement for Omnidirectional Spectral Images Captured with a Fisheye Lens	Takahiko Horiuchi Chiba University, Japan
15:00 - 15:30	<i>Coffee break</i> / PCSPA Closing remarks		
<b>Session 3: Quality (Chair: Zhaohui Wang)</b>			<b>K113</b>
15:30 - 15:50	Paper	Zen and the art of image quality evaluatio	Dag Waaler Gjøvik University College
15:50 - 16:05	Paper	Adaptive quantization based on saliency maps at macroblock level in H.264/AVC	Viktor Medina CIMET Student
16:05 - 16:40	Invited	How many pixels does it take for A 4"x6": Pixels Wars Revisited	Michael Kriss Portland State University, USA

## Thursday 08.09.2011

<b>Session 4: More Basics (Chair: Aditya Sole)</b>			<b>A building</b>
08:00 - 09:30	<i>Registration w/coffee</i>		<i>A Building Entrance</i>
08:30 - 11:30	Tutorial	Introduction to digital imaging 2	Michael Kriss (A204) Portland State University, USA
09:30 - 11:30	Tutorial	Introduction to Process Standard Offset Certification	Peter Nussbaum & Aditya Sole (A012) Gjøvik University College
<b>Session 5: Colorlab 10 year's anniversary session (Chair: Gro Dæhlin)</b>			<b>A building</b>
11:30 - 12:30	<i>Lunch &amp; Lab Visit</i>		<b>A002-A012</b>
12:30 - 14:00	<i>Colorlab 10 years Anniversary Cake and Talks</i>		<i>A Building Entrance</i>
	Sven Erik Skarsbø, Jørn Wroldsen, Svein Moe Ihler, Jon Y. Hardeberg		
<b>Session 6: Color Printing &amp; its Application (Chair: Peter Nussbaum)</b>			<b>1/3 Eureka</b>
14:00 - 15:00	Keynote	The intertwined roles of semantics, aesthetics, and quality in color document imaging	Jan Allebach Purdue University, USA
15:00 - 15:30	Invited	Color Printing for a new Generation	Jon Yngve Hardeberg Gjøvik University College
15:30 - 15:50	Paper	The influence of new light sources on the appearance of paper and print	Ole Norberg Mid Sweden University & Voxvil AB
15:50 - 16:10	<i>Coffee break</i>		
16:10 - 16:30	Invited	Image workflow and applied color management in police investigation	Tino Günther
16:30 - 16:50	Invited	Print quality: the customer's or the printer's nightmare	Christian Nordström Suunto, Finland
<b>Session 7: Color Management (Chair: Arne Magnus Bakke)</b>			<b>1/3 Eureka</b>
16:50 - 17:10	Paper	Fluorescence in Color Management	Phil Green Gjøvik University College & Univ. of the Arts, London
17:10 - 17:30	Invited	A Pragmatic Approach to Colour Input Device Characterisation	Lindsay MacDonald University College London
19:00 - 24:00	<i>Colorlab Anniversary Party</i>		
			<i>Vitensenteret</i>

## Friday 09.09.2011

09:30 - 10:00	<i>Registration w/coffee</i>		<i>In front of Eureka</i>
<b>Session 8: Spectral Color (Chair: Raju Shrestha)</b>			<b>1/3 Eureka</b>
10:00 - 10:45	Keynote	Spectral Filter array Design for Multispectral Imaging Recovery	Keigo Hirakawa University of Dayton, USA
10:45 - 11:05	Paper	Spectral Goniophotometry - project description and initial results	Niklas Johansson Mid Sweden University
11:05 - 11:25	Paper	Optimal wavelengths for color laser scanners	Lindsay MacDonald University College London
11:25 - 12:00	Invited	Studying electrophotographic halftones using a spectral model of realistic halftone dots on paper by means of simulation	Michael Kriss Portland State University, USA
<b>Session 9: Past, Present, and Future (Chair: Jon Yngve Hardeberg)</b>			<b>1/3 Eureka</b>
12:00 - 12:20	Paper	Computer-Aided Reclamation of Lost Art - A New Concept	Marielena Demetriou CIMET Student
12:30 - 13:30	<i>Lunch</i>		
13:30 - 14:15	Keynote	Color in 3D	Lindsay MacDonald University College London
14:15 - 14:45	Invited	Color and Lighting in Augmented Reality	Simon McCallum Gjøvik University College
14:45 - 15:25	Color imaging in the next 10 years		
15:25 - 15:30	Conference closing remarks		
			<i>Panel discussion with coffee</i>

Symposium venue: Gjøvik University College, Gjøvik, Norway

Symposium general chair: Jon Y. Hardeberg

Sponsored by: Gjøvik University College, The Norwegian Research Council

For more information and registration, see <http://www.colorlab.no/events/gcis11>, or email [gcis@hig.no](mailto:gcis@hig.no)