

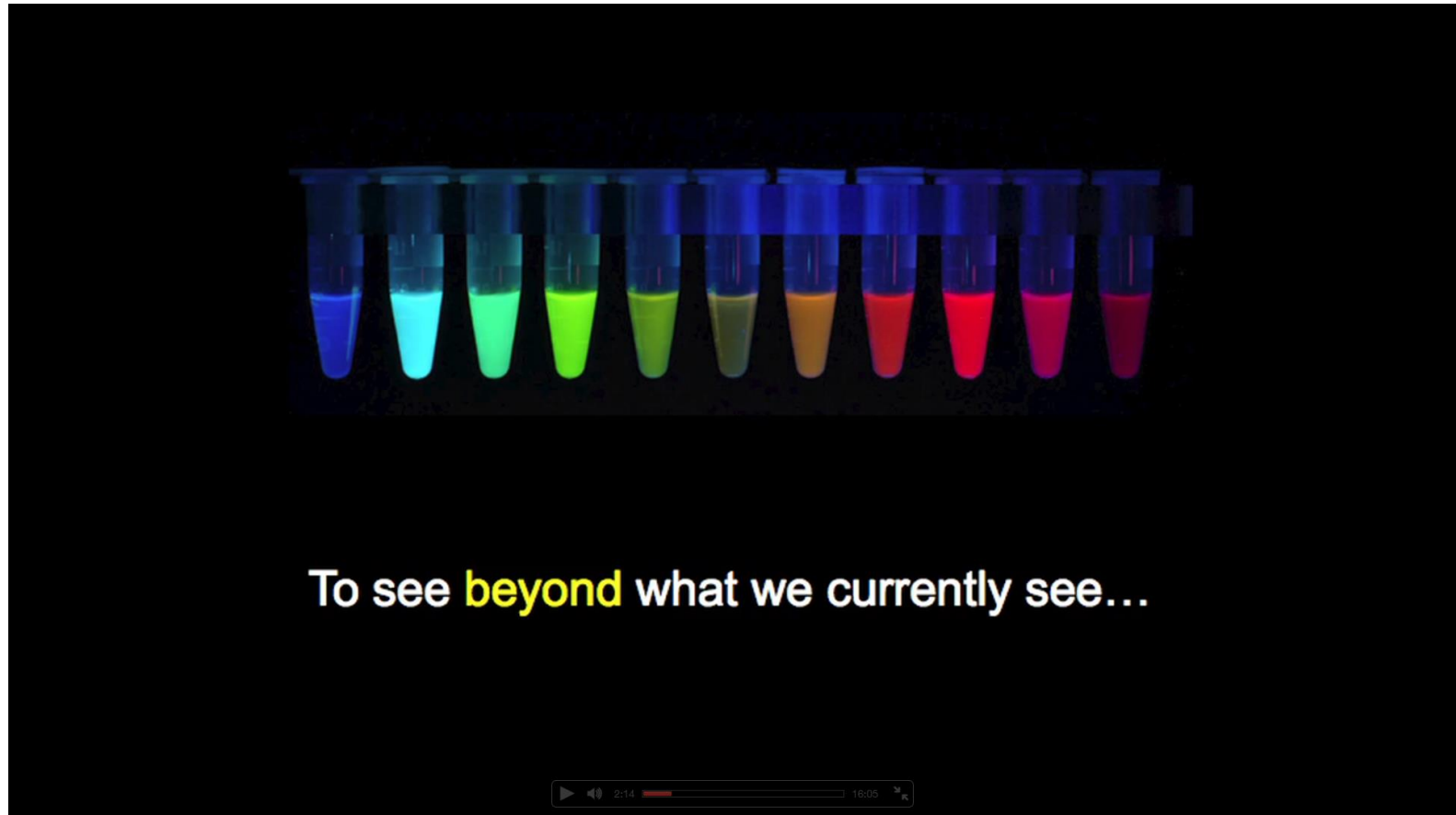
ICC Medical Imaging Experts' Day

Hosted by Barco, Kuurne, Belgium

4th March 2015



TED: *Color-coded surgery, Quyen Nguyen*



<http://on.ted.com/Nguyen>

ICC MIWG European Experts' Day

Wednesday 4th March, 8:30-17:30

Introduction

- 1. Bench testing and simulations of imaging pipelines

Craig Revie, Phil Green

Tom Kimpe

10:45-11:00 Coffee

- 2. Whole Slide Imaging Sierra round robin initial results and proposed next steps
- 3. FDA guidance document review
- 4. Imaging at Westminster
- 5. ICC Profiles from RAW data for digital cameras

Craig Revie

Craig Revie

Efthimia Bilissi

Franz Herbert

12:30-13:30 Lunch

- 6. Achieving a realistic colour appearance for 3-D printed skin
- 7. The advantages of spectral camera color characterization

Sophie Wuerger

Uwe Artmann

15:00-15:15 Coffee

- 8. Diagnostic value of colour in dermoscopic images
- 9. Development of a standard for colour in Petri dish imaging
- 10. Accurate calibration of darkfield microscopy systems
- 11. Multispectral extensions for DICOM
- 12. Imaging at Utrecht
- 13. ICS for medical imaging modalities

Kajsa Møllersen

Jérémie Pescatore

Yves Vander Haeghen

Bas Hulsken

Rudolph Verdaasdonk

Phil Green



ICC: EVENTS:

All ICC Events

2015

Medical Imaging
Experts Day Mar 4

Other ICC Medical
Imaging meetings

NPES-ICC Color
Management
Conference Feb 12

Upcoming ICC Meetings

2014

ICC Developer
Conference: iccMAX

DevCon iccMAX Q&A
session

Medical Imaging WG,
Nov 2014

ICC Medical Imaging Working Group

The Working Group arose out of the Summit on Color in Medical Imaging held in Silver Spring, Maryland in May 2013. It exists to enable and promote the correct and effective use of ICC color management for medical imaging.

Current activities:

Calibration slide for histopathology

Medical RGB color space - mRGB

Color eye model

Best practices for digital color photography in medicine

Colour support for mobile devices

Framework for multispectral imaging

DICOM camera raw support and EXIF tags

Open source reference implementation

Best practice papers for colour in DICOM

Summary of all MIWG **work items**

Upcoming MIWG meetings

Date	Location	Topic
2-4 Mar 2015	Kuurne, Belgium	Full WG meeting
9 Apr 2015	Teleconference	Medical photography
21 May 2015	Teleconference	Multi spectral imaging (to be confirmed)
8-10 Jun 2015	Tokyo	Full WG meeting

SEARCH ICC:

 GO

Got a question
about ICC Profiles
or colour
management?



[Ask Phil...](#)

ICC: LIVE TOPICS:

**ICC Medical Imaging
Working Group**

iccMAX

**New v4 sRGB
appearance profile**

**3-component color
encodings**

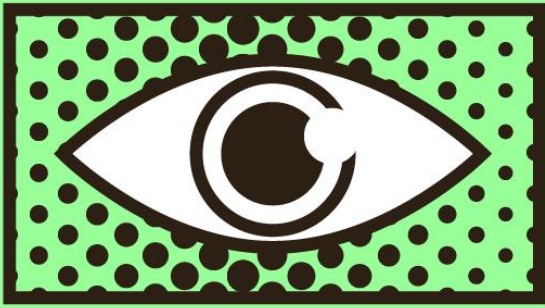
**Colour management for
digital photography**

ICC Profile Registry

ICC V4

Why use V4?

**Is your system v4-
ready?**



The Norwegian
Colour and Visual Computing
Laboratory

Welcome to:
Colour and Visual Computing
Symposium (CVCS)

25-26 August 2015
Gjøvik, Norway

<http://colorlab.no/events/cvcs2015>

We hope to see you very soon
in Gjøvik!

For additional information
visit

www.colourlab.no/cvcs or,
send your request to:
info@colourlab.no

The 8th Colour and Visual Computing Symposium 2015 (CVCS 2015) August 25-26, 2015, Gjøvik, Norway

First Call for Papers

Organizing Committee General Co-Chairs

Marius Pedersen (GUC,
Norway)
Jean Baptiste Thomas
(University of Burgundy,
France)

Program Co-Chairs

Faouzi Alaya Cheikh (GUC,
Norway)
Philipp Urban (Fraunhofer
IDG, Germany)

Publication Chair

Ivar Farup (GUC, Norway)

Publicity Chair

Jon Yngve Hardeberg (GUC,
Norway)

Tutorials Chair

Peter Nussbaum (GUC,
Norway)
Craig Revie (FFEI Ltd, UK)

Local Chair

Rachael McCallum (GUC,
Norway)

Financial Chair

Kathrine Huke Markengbakken
(GUC, Norway)

Sponsors

CVCS 2015 is sponsored by the
Research Council of Norway
through the HyPerCept project,
and Gjøvik University College.

Important dates

Submission Deadline:
15th March 2015
Notification of acceptance:
15th May 2015
Camera Ready Deadline:
15th June 2015
Registration Deadline:
15th August 2015

Webpage

www.colourlab.no/cvcs

We are very happy to announce that the **Colour and Visual Computing Symposium 2015 (CVCS 2015)** will take place in Gjøvik, Norway, on 25-26 August 2015. This will be the eighth time that the Norwegian Colour and Visual Computing Laboratory at Gjøvik University College (GUC) organizes this event. This edition of the symposium follows up on the success achieved by the previous runs, of the biannual Gjøvik Colour Imaging Symposium (GCIS), from 2003 to 2011, and CVCS 2013. They have attracted a growing number of participants and provided a platform for fruitful discussions and exploration of recent theoretical advances and emerging practical applications of spectral, colour, and visual information processing.

CVCS 2015 will contain a rich program of tutorials, invited keynotes, and regular talks on a wide variety related topics given by young researchers and well-known international experts in the field. Already confirmed keynote speakers for the symposium are **Dr. Alessandro Rizzi** (Università degli Studi di Milano) and **Dr. Reiner Eschbach** (Xerox).

Topics of particular interest to CVCS 2015 include, but are not limited to:

- o Image and Video Quality Assessment and Enhancement
- o Computational Colour and Vision Science
- o Imaging for Health and Medical Applications
- o Colour and Image Processing in Mobile Devices
- o Image and Video Processing and Analysis
- o 3D and Multiview Imaging
- o Computational Photography
- o Colour and Image Metrology
- o Multi-channel Colour Printing
- o Imaging for Cultural Heritage
- o Visualization and Perception
- o Cross-Media Colour Reproduction
- o Media Security, Forensics, and Biometrics
- o Spectral Image Capture, Processing and Reproduction

Submission

Prospective authors are invited to submit extended abstracts with initial results (PDF file of 2 to 6 pages). The final camera-ready papers will be of length 4 to 6 pages. All submissions must be done through the submission system according to the authors' guidelines. All papers will go through a blind review process.

We have technical sponsorship from IEEE. We will seek publication of the accepted papers in IEEEExplore. IEEE reserves the right to exclude a paper from distribution after the conference, including IEEE Xplore® Digital Library, if the paper is not presented by the author at the conference.

Best student paper award

The best student paper will be awarded by a special committee.

We hope to see you very soon in Gjøvik! For additional information visit www.colourlab.no/cvcs or, send your request to: info@colourlab.no



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