

Colour in Science and Industry

**San Diego
4 November 2016**

Colour in Science and Industry

- Two-year Master degree in EU Erasmus Mundi programme
- Programme shared between colour science and imaging departments in France, Spain, Norway and Finland
- Attractive student funding – full bursaries – leads to high numbers of applicants and rigorous selection process
- Students have 6 months each in St Etienne (France) and Granada (Spain), 6 months in Gjøvik (Norway) or Joensuu (Finland), and 6 months working on a Master Thesis project

COSI Applied Colour Science track

Delivered in Norway in Semester 3 (September – December)

Includes course on Colour in Medical Imaging

Focuses on calibration of medical imaging systems

Topics include:

- Medical photography
- Skin imaging
- Calibration of input devices
- Calibration of displays

Medical Imaging coursework project

Coursework project is how course is assessed

Students develop project brief that relates to their interests and background

Current projects:

- Methods to measure scattering in skin
- Spectral unmixing
- Illumination in clinical photography
- Procedures for RAW in clinical photography

Future projects

Projects in collaboration with vendors and institutions in medical field welcome

2017:

coursework projects (September to December semester)

- c. 100hrs work

Master Thesis project (January to June)

- c. 600 hours work
- Can be on-site