

Danish Optical Society: Spectroscopy Day, September 30, 2011

Venue: HH Koch Aud. Risø DTU, Frederiksborgvej 399, Roskilde

Registration and Coffee

..... 9:00 – 9:30

Session I

9:30 – 10:40

Chair:

Henrik Pedersen, DTU Fotonik

Spectroscopy for Dummies (invited)

Dr. Lars Lindvold, Radiation Research Division, Risø DTU

..... 9:30 – 10:00

Spectroscopy for demanding applications

Bjarke Rose, VP – Spectrometers, Ibsen Photonics A/S

..... 10:00 – 10:20

NIR Capturing images with spectral information in the mid-infrared

Jeppe Seidelin Dam, Peter Tidemand-Lichtenberg and Christian Pedersen, DTU Fotonik

..... 10:20 – 10:40

Coffee and exhibition

..... 10:40 – 11:10

Session II

11:10 – 12:10

Chair:

Dr. Lars Lindvold, Radiation Research Division, Risø DTU

Supercontinuum kilder i spektroskopi-anvendelser

Carsten L. Thomsen og Frederik D. Nielsen, NKT Photonics, and Casper Larsen, DTU Fotonik, Denmark

..... 11:10 – 11:30

Raman spectroscopy: A non-destructive and on-site tool for control of food quality?

Søren Hassing, Lektor, Institut for Teknologi og Innovation

..... 11:30 – 11:50

Terahertz spectroscopy – yesterday, today and tomorrow.

Prof. Peter Uhd Jepsen, DTU Fotonik,

..... 11:50 – 12:10

Lunch..... 12:10 – 13:10

Chair:

Bjarke Rose, | VP – Spectrometers, Ibsen Photonics A/S

Efficient and Durable Linear Variable Filters and Dichroics

Henrik Fabricius & Michael Rodas Lorenzen, DELTA Light & Optics, Venlighedsvej 4, 2970 Hørsholm

..... 13:10 – 13:30

Near Infrared Spectroscopy for Food Analysis

Håkan Wedelsbäck, Senior Scientist, FOSS, Denmark

..... 13:30 – 13:50

Spektroskopisk måleteknik 190 nm – 25000 nm i industrielle anvendelser

Seniorforsker Sønnik Clausen, Risø DTU, Denmark

..... 13:50 – 14:10

Measurement on pulsed light.

Yrjö Inkinen, Yokogawa Measurement Technologies,

..... 14:10 – 14:20

Multispectral vision for assessing the quality of meat and meat products.

Claus Borggaard, Measuring Systems, Danish Meat Research Institute (DMRI).

..... 14:20 – 14:40

Coffee and Exhibition 14:40 – 15:40

Chair:

Steen G. Hanson, DTU Fotonik, Denmark

Spectroradiometry for LED characterization

Carsten Dam-Hansen, Senior Scientist, DTU Fotonik

..... 15:40 – 16:00

Spectral design of new dynamic LED light sources.

Anders Thorseth, Post.Doc. DTU Fotonik

..... 16:00 – 16:20

Next generation optical sensing solutions

Romero Kicken OEM Account Manager EMEA, Ocean Optics

..... 16:20 – 16:40

Can colour be measured?

P.S. Ramanujam, DTU Fotonik, Denmark

..... 16:40 – 17.10

Dinner at Sagafford – registration required

..... 18:00 – 21:30

Exhibitions and displays

1: Yokogawa Measurement Technologies AB

PH JAKOBSEN,

Maglemølle 90,

4700 Næstved,

Denmark

Tel: +45 55 7777 90

Fax: +45 55 7706 10

2: Hamamatsu Photonics

Steen Feldskov, Country Manager

Hamamatsu Photonics Danmark

Lautruphøj 1-3

DK - 2750 Ballerup

Tel.: +4570209369/ Mobile: +45 20249369

Fax: +4544209910

3: DTU Fotonik: LED Illumination

Carsten Dam-Hansen, Seniorforsker DTU Fotonik, Institut for Fotonik, Diode Lasers and LED Systems

Danmarks Tekniske Universitet

Frederiksborgvej 399

Bygning 130, rum 154

4000 Roskilde

4: DELTA Light and Optics: Filters

Henrik Fabricius

Head of R&D, Optical Thin-film

DELTA Light & Optics

DELTA | Venlighedsvej 4 | 2970 Hørsholm | Denmark

tel: +45 72 19 40 00 | direct: +45 72 19 47 24

5: Ocean Optics

Romero Kicken, OEM Account Manager EMEA

Ocean Optics

Geograaf 24

6921 EW Duiven, The Netherlands

6: LASER 2000

Markus Wyndhamn

Laser 2000 GmbH

Argelsrieder Feld 14

82234 Wessling, Sweden

7: Azpect Photonics

Per Skande

Azpect Photonics AB

Balticvägen 3,

SE-151 38 Södertälje, Sweden

Switchboard: +46 8 55 44 24 80/ Dir: +46 8 55 44 24 89

8: Optonyx AB

Urban Konradsson Botes, M.Sc.

Optonyx AB

Enhagslingan 23

SE-187 40 Täby, Sweden

Phone: +46 8 5511 1410/ Fax: +46 8 5511 1415

Direct: +46 8 5511 1411/Mobile: +46 707 42 1411

9: Gammadata Instrument AB

Patrick Brandelind, Product Manager Laser Solutions

Gammadata Instrument AB

P.O. Box 2034

SE-750 02 Uppsala, Sweden

Delivery address: Vallongatan 1, SE-752 28 Uppsala

Phone: +46 18 56 68 04/ Mobile: +46 705 88 30 76

Fax: +46 18 56 68 88

10: DTU Fotonik: THZ demonstration

Peter Uhd Jepsen, Professor MSO, Gruppeleder Institut for Fotonik, Terahertz Technologies and Biophotonics

Danmarks Tekniske Universitet

Ørstedes Plads, bygn 343

2800 Lyngby

11: DTU Fotonik: IR to Visual converter

Jeppe Seidelin Dam, DTU Fotonik

Danmarks Tekniske Universitet

Frederiksborgvej 399, Bygning 108

4000 Roskilde