PhotonicSweden

The Swedish Technology Platform in Optics and Photonics

Welcome to Optopub Webinar!

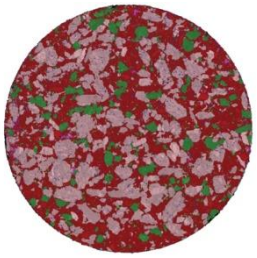
Tuesday 24th November 2020, 15.00 – 16.00 (CET)

Zoom-Meeting

Agilent Technologies

PhotonicSweden & AGILENT has the pleasure to invite you to an Optopub-Webinar






New Advances in Spectroscopy - Improving Efficiency at the Speed of Light.

Rob Wills, Molecular Spectroscopy Product Specialist – UK, Ireland & Nordics, Agilent Technologies

*This presentation will discuss new developments in the fields of **QCL IR imaging, Spatially Offset Raman Spectroscopy and UV-Vis** with examples of how these technologies are applied in real life applications.*

***Quantum Cascade Laser (QCL) IR imaging** is a new form of laser based infra-red microscopy that delivers high speed imaging across large sample areas with incredible spatial resolution. Originally developed as a tool for fast imaging of pharmaceutical tablets, this new technique is now being applied to tackle the growing problem of microplastics in the environment.*

***Spatially Offset Raman Spectroscopy (SORS)** is a variant of Raman spectroscopy that allows highly accurate chemical analysis of objects through obscuring materials. In this talk I will present a new handheld spectrometer for use in verification of pharmaceutical raw materials through unopened containers, including opaque packaging.*

***UV-Vis** is a technique where spectrometer design hasn't really changed in decades. Now Agilent have introduced a truly revolutionary new system based on a unique design concept that offers faster, more accurate measurements.*

Please, register here free of charge:

https://doodle.com/poll/dxiayqi4ppneseh9?utm_source=poll&utm_medium=link

A Zoom-invitation will be e-mailed after registration.

Register no later than Monday 23th Nov, before 17:00 !

Welcome!

Rob Wills (Agilent Technologies) & Lennart BM Svensson (PS & SOS)

Optopubs are co-arranged with

SOS Svenska OptikSällskapet Swedish Optical Society the Swedish Branch of the European Optical Society

www.photonicsweden.org