

# Welcome to Optopub in Lund!

Note, to be guaranteed to receive future invitations to Optopubs in Lund, please send an e-mail to DK@GASPOROX.se and tell that you want to be on the Lund Optopub invitation list.

## We Hereby Invite You to the Second Optopub in Lund!

**Time:** Tuesday 2014-05-20 17:30

The lectures will end at approximately 19:00, where after follow networking with simple food and beer sponsored by CellaVision AB.

**Place:** CellaVision AB, Scheelevägen 19A (building Delta 5), Lund  
<http://www.cellavision.com/?id=1866>

### Lecture 1

Adam Morell, R&D Manager, CellaVision: *Automated Microscopy for Blood Analysis - A Practical Application of Image Analysis and Pattern Recognition*

CellaVision's first analyser was released in 2001. Since then CellaVision has grown to become the world leader in digital microscopy in haematology. Our method provides the laboratory with competency, quality and time, which together imply cost-effectiveness and improved patient care. The primary analysis performed using CellaVision's analysers is the differential count of white blood cells, a routine analysis performed in large volumes. This presentation will give an overview of CellaVision and our technology, and the difficulties faced when automating a routine analysis.

### Lecture 2

Cord Arnold, Research Associate, Division of Atomic Physics, LTH: *A Peek on Attosecond Science*

The field of attosecond science was born just a little more than 10 years ago, when for the first time the duration of attosecond pulses was measured. This gave researchers the tools to in the following investigate the fundamental electronic response that underlies virtually all interactions of light with matter on attosecond time scale. In my presentation I will give a short overview of the techniques and the achievements of attosecond science and what the group in Lund is doing to advance the field.

In order to know the number of participants in advance, please, **register your attendance** in the following Doodle-link **no later than Monday 2014-05-19 11:00** (please, indicate affiliation):

<http://doodle.com/kehnkzybz3k4uir2>

Please, **share this invitation** to other people that you think might be interested in the Optopub in Lund events!

Optopub is a networking concept from the Swedish Optical Society and PhotonicSweden. People in the optics and photonics industry and academia come together to listen to lectures in the optics and photonics field, socialize, and together have something to eat and drink. Optopubs are being arranged in Stockholm/Kista, Gothenburg, Lund, and Hudiksvall.

**You are invited - welcome!**

### The Lund Optopub Committee

Daniel Karlsson GASPOROX AB; Stefan Andersson-Engels, Nils-Erik Olofsson, and Malin Jonsson Lund Laser Centre, Lund University