



## Invitation to the seminar days 2010

### “Frontiers in IR and X-ray Imaging”

Hosted by Acreo and Scint-X AB

**Nov 23<sup>rd</sup> - IR imaging**

**Nov 24<sup>th</sup> - X-ray imaging**

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**Location:** Electrum salen, Kista gången 16, 164 40 Kista, Sweden

**Cost:** Attendance at presentations, poster session and lunch – free of charge  
(no show – 300 SEK will be invoiced)

Conference dinner – 150 SEK (invoiced)

**Language:** English

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The IMAGIC seminar days this year are being extended into a 2-day event, and are dedicated to two areas of major importance to users and developers of imaging technology.

The programme includes both international and national experts presenting novel techniques, component technology, applications and other topics of primary interest in these fields.

- See attached list of speakers and topics

**The full programme and on-line registration** is found at [www.acreo.se/imagicseminar2010](http://www.acreo.se/imagicseminar2010)

- Registration is open until 2010-11-05.

The **poster session** and **conference dinner** also provides the opportunity for discussions and net-working with a wide range of technical experts.

- Participants from both days are invited to attend these events.

You are invited to contribute with a poster on a topic involving imaging.

- Please notify your poster contribution when registering on-line.

**We look forward to meeting you there!**

Jan Andersson (IMAGIC centre manager)

Susan Savage (IMAGIC deputy manager)

Bo Hammarlund (Scint-X AB)

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*IMAGIC is an Institute Centre of Excellence (ICE) dedicated to the development and application of imaging components for non-visible wavelengths. The Centre is led by Acreo. Members are Scint-X, OptoNova, Optronic, ScandiDos, IR-nova, Tyco Electronics, Note, Flir Systems, Autoliv, SAAB, Sensoror, KTH.*

To contact or for more information on IMAGIC, go to [www.acreo.se/imagic](http://www.acreo.se/imagic)

## The preliminary programme includes the following speakers and topics:

### 23 Nov:

- Pierre Castelein (CEA-LETI): Overview of IR imaging technology
- Werner Ritter (Daimler): Sensor fusion for improved road safety
- Robert Rehm (Fraunhofer): InAs/GaSb superlattice technology
- Oscar Gustafsson (KTH): Dot-to-bulk: a new material concept for next generation LWIR imaging
- Per Ericsson (Acreo): Novel solution for low-cost IR imaging
- Lena Klasén (SAAB): IR applications for security and defence solutions
- Martin Gren (Axis): Enhanced surveillance solutions with IR imaging
- Lennart Jansson (Firefly): Fire and explosion prevention with IR detection.
- Anders Dahlberg (Flir Systems): Security applications for thermal cameras
- HenkMartijn (IRnova): Key technologies for focal plane array manufacturing
- Susan Savage (Acreo): IMAGIC makes the invisible visible

### 24 Nov:

- Guillaume Potdevin (Univ Munich): Potential of phase contrast x-ray
- Renato Turchetta (Rutherford Appelton Lab): Large area CMOS image sensor for x-ray imaging
- Matthias Simon (Philips Research Aachen): Increasing clinical value with improved detectors
- Jan Jakubek (Czech Technical University): X-ray imaging and tomography with high spatial resolution and ultra-high contrast
- Ylva Houltz (Rymdbolaget): Why x-rays in space?
- Hans Hertz (KTH): New x-ray sources for high definition images
- Olof Svenonius (Scint-X): Innovative scintillator technology for x-ray imaging
- Mats Danielsson (KTH): New detectors for medical x-ray imaging
- Christer Fröjdh (MiU): Energy-sensitive detectors for radiation monitoring and imaging
- Görgen Nilsson (ScandiDos): 4D measurement technique for safe advanced radiation therapy
- Erik Oden (Mantex): Determination of moisture content by x-ray absorptiometry
- Jerker Eden Strindberg (Medicinsk Röntgen AB): X-ray image processing