Imaging **I**ntegrated **C**omponents

- making the invisible visible !

Seminar Day 2009

"Digital imaging in Europe: from device to application"

Date Nov 11th 2009

Location Kistamässan, Kistagången 1, 164 22 Kista, Stockholm, Sweden. (www.kistamassan.com/eng)

Fee Free of charge to all participants

IMAGIC's seminar day 2009 is focusing on aspects of digital imaging as utilized in Europe. To this end, speakers from various European countries are included in the programme. These include Dr. Bruno Leone from the Opto-Electronics section of the European Space Agency in the Netherlands, Mr. Terje Kvisterøy from Sensonor Technologies AS, Norway, Dr. Michael Campbell from CERN, Switzerland, Dr. Piet De Moor from IMEC, Belgium, and other experts in the field of imaging from Sweden.

The technical areas covered during the day will include advances in infrared imaging, where both low-cost microbolometer and sensitive photo-detection technologies will be presented, together with their application areas. Developments in x-ray imaging will present the move from "monochrome" to energy resolved imaging, as well as high resolution imaging techniques. It will be shown how gated imaging using NIR wavelengths enables targets behind haze, smoke, camouflage or other coverings to become clearly visible to an operator under conditions where other sensors are blocked by backscatter. And last, but not least, advances in component integration will be presented in the form of 3D integrated imagers.

The extended lunch break will include a poster session to which all participants are invited to contribute. Do not miss this chance to report your technical achievements or market your company products to your fellow participants!
- please let us know if you will bring a poster by clicking in the appropriate box when registering on-line (see below).

For up-dated information and the agenda, see the web-page www.acreo.se/imagic-2009

Registration is open until Nov 4th

Registration occurs on-line at www.acreo.se/imagic-2009

IMAGIC is an institute centre-of-excellence led by Acreo, with the mission to realize next-generation electronic imaging devices for non-visible wavelengths and establish these in industrial applications.

IMAGIC consists of a group of industries and universities, who work in close co-operation with Acreo to exploit their assembled competences.

To contact or for more information on IMAGIC, go to **www.acreo.se/imagic**