



Imaging Integrated Components



Programme for Seminar Day: “Digital imaging in Europe: from device to application”

Date: Nov 11th 2009

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

	9.30	Coffee	
Introduction	10.00	Welcome and introduction to IMAGIC	Leif Bergström Chairman of IMAGIC board
Imaging in Space <i>Chair: Jan Andersson</i>	10.15	Detecting the invisible at the European Space Agency	Bruno Leone ESA, The Netherlands
	10.45	Break	
Advances in Infrared Imaging <i>Chair: Per Ericsson</i>	11.00	Detector technologies for advanced IR imaging	Jan Andersson Acreo AB
	11.20	Microbolometer arrays in mass production	Terje Kvisterøy Sensoron Technologies AS, Norway
Signal Processing Electronics <i>Chair: Per Ericsson</i>	11.40	Detector electronics for imaging arrays	Robert Forchheimer Professor, LiU
	12.10	Lunch + poster session	
Developments in X-ray Imaging <i>Chair: Christian Veiðer</i>	13.20	Detector technologies for advanced X-ray imaging	Sture Petersson Professor em., KTH/Miun
	13.40	Performance and Limitations of Single Photon and Energy Resolving Detectors	Michael Campbell CERN, Switzerland
	14.10	Structured scintillators for high-resolution imaging	Per Wiklund Scint-X AB
	14.30	Coffee break	
3-Dimensional Imaging <i>Chair: Susan Savage</i>	15.00	Gated imaging: enhanced imaging day and night	Ewon Wall SAAB Microwave AB
	15.20	Technologies for 3D imaging	Bertrand Noharet Acreo AB
Advances in Component Integration: <i>Chair: Susan Savage</i>	15.40	3D Integrated imagers	Piet De Moor IMEC, Belgium
Conclusion	16.10	Concluding remarks	Jan Andersson IMAGIC centre manager
	16.30	End	