



NANOLITHOGRAPHY WORKSHOP ASIA
 ‘ELECTRON BEAM LITHOGRAPHY SOLUTIONS CONCEPT’



Institute of Nano Electronic Engineering (INEE)
 Universiti Malaysia Perlis (UniMAP)

9th July (Monday) 2012

Venue:
ANJUNG UniMAP KUALA LUMPUR
 Aras 26, Menara Dato Onn,
 Pusat Dagangan Dunia Putra (PWTC),
 Jalan Tun Ismail, 50480 Kuala Lumpur.

Jointly organized by:

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| PROGRAMME | Agenda |
|-------------|--|
| Time | |
| 08:30-09:00 | Registration & Breakfast |
| 09:00-09:20 | Opening Address by INEE, UniMAP |
| 09:20-10:10 | “From nanostructure to systems: Fabrication and characterization” Speaker: Prof Dr. Uda Hashim |
| 10:10-11:10 | “Lithography techniques overview” Speaker: Andre Linden, Raith GmbH |
| 11:10-12:30 | “E-beam lithography techniques” Speaker: Andre Linden, Raith GmbH |
| 12:30-14:00 | Lunch |
| 14:00-15:00 | “Advanced E-beam Lithography Application” Speaker: Andre Linden, Raith GmbH |
| 15:00-16:00 | “Lab-on-chip: fabrication and characterization” Speaker: Dr. Pei ling |
| 16:00-16:30 | Q & A |
| 17:00 | Tea Break and End of Workshop |

REGISTRATION

Registration before 5 July 2012. RM100/pax (only 50 seating available)
 NAME: _____
 ORGANIZATION: _____
 ADDRESS: _____

 DESIGNATION: _____
 TEL OFFICE: _____ HP: _____
 FAX: _____ email: _____

METHOD OF PAYMENT

Bank Draft/Cheque/Money Order No: _____
 Bank Draft or Cheque must be made payable to :
 “**Bendahari UniMAP**” (note: “ Nano Lithography by E-beam Lithography Solutions” or cash invoice must be Bank in (**Muamalat Bank**) under Account Name : **BENDAHARI UniMAP**
 (Acc. No.: 0901-0001234-71-0).
 Send by courier or registered mail to:

Andre Linden

Product Marketing Manager
Raith Asia Ltd.

Experience

2008 - present Product Marketing Manager, *Raith Asia Ltd., Hong Kong*
2004 - 2008 Project Manager for System Development, *Raith GmbH, Dortmund, Germany*
2003 – 2004 Project Manager for Market Development, in cooperation with *Hakuto Co. Ltd, Semiconductor Equipment Second Division, Tokyo, Japan*
2000 – 2003 Application Researcher for electron beam lithography, *Raith GmbH, Dortmund, Germany*

Education & Training

2006 - 2007 Project Management Program (while working full-time) *Otto von Guericke University Magdeburg, Germany* (certified by the German Society of Project Management)

1999 (7 months) System Developer, *XaarJet AB Stockholm, Sweden*
Department of Process Development System and process optimisation for ink jet printer heads

1996 - 2000 Engineering Degree (specialisation in Microsystems) *Applied University of Sciences Muenster, Germany* Thesis research completed at *Daimler Chrysler Aerospace Dornier GmbH, Department of Research and Technology, Germany*

'NANO-LITHOGRAPHY BY E-BEAM LITHOGRAPHY SOLUTIONS'

ABSTRACT

The purpose of the workshop is to educate the people in scientific research on the most advanced nano-fabrication technology, the electron beam nanolithography. The target audience are researchers, scientists in universities and research institutes involved in scientific research. Such as Nano-electronics, Nano-photonics, Quantum Physics, Material Science, Nano-magnetism, NEMS, Nano-biotechnology, etc. Raith regularly hosts training courses, workshops and user meetings for its customers to help them to operate their Raith systems, to share applications information and to discuss their scientific results.

ABOUT RAI TH

Mission

Identity

Raith is an independent high technology enterprise, which develops, sells, delivers and supports products to an international client base. The company has pioneered markets for new products, and offers significant customer benefits, enabling leading edge innovation in technology. The success story is based on identifying latest market trends, which is possible by our highly skilled, motivated and multicultural team. The target being to gain a substantial annual profitable growth rate.

Markets

Raith offers innovative solutions for nanolithography and -fabrication with emphasis on R&D and small batch production for growing markets. Raith is a partner in the semiconductor industry, microsystem technology and original equipment manufacturers. Proprietary solutions exist for [failure analysis](#), inspection and analytics. Within targeted markets we aim to lead with excellence.

Secure customers investments

Since 1980 Raith has invested people and new products, maintaining close contact to customers with leading edge applications. The development of personal relations and professional local support secures customers investments in Raith products.

