

Phoenix Software Training 20th - 24th February 2012

Venue - Phoenix Software headquarters in Enschede, The Netherlands

Course Outline:

1st day: Introduction to Phoenix Software Integrated Platform for Photonic Design

2nd day: Mode Field Optimization and Thermo-Electro Optics Design

3rd day: Integration Mask Design with Simulation in Photonics

4th day: Object-Oriented Mask Design and Functional Design Rule Checking

5th day: Integration Mask Design and Simulation with the Process Flow module.

The training is 100% hands-on. Please bring your laptop and mouse.

The details of the programme are given below :



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	Monday	Tuesday	Wednesday	Thursday	Friday
	20 th February	21 st February	22 nd February	23 rd February	24 th February
09.00-09.30	Installation	Integration of Circuit Simulations with Mode Solvers	2D and 3D propagation module (BPM, BEP/EME, FDTD)	Mask layout: Object Oriented Design	Integration Circuit design with mask layout
09.30-10.00	Phoenix Software Integrated Platform for Photonic Design				Integration mask layout with process flow
10.00-11.00					
11.00-11.15	coffee break	coffee break	coffee break	coffee break	coffee break
11.15-12.15	Photonics Integrated Circuit simulator: what is it?	Mode solver analysis	Design: MMI	User defined library (BB)	Process flow visualization
12.15-13.00	lunch	lunch	lunch	lunch	lunch
13.15-15.15	Circuit Simulation: splitters	Optical loss (bends, metal, substrate)	Design: MZI Switch	Functional Design Rule Check	Process flow visualization
15.15-15.30	coffee break	coffee break	coffee break	coffee break	coffee break
15.30-17.30	Circuit Simulation: where does the signal go?	Thermo/Electro Optics	3D Ring Resonator	DesignKit: how does it work, how is it made?	Visit LioniX & IOMS, Nanolab (MESA+)
17.30-18.00				Introduction to Photonics community in Twente	
19.00-...				Social Dinner	

Please bring your **laptop**.

Your laptop should have 2 USB ports and CD player.

If you don't have one of those, please contact : training@phoenixbv.com

MINIMUM system requirements for laptop :

- * IBM PC or 100% compatible
- * Windows XP or newer
- * 32bit and/or 64 bit OS
- * 500 MB hard disk space
- * 1 GB memory
- * TCP/IP connection
- * 2 USB ports
- * 1 CD drive
- * NOTE : Please bring mouse because we will do 100% hands-on software training

If you are using Linux, please contact training@phoenixbv.com to get the installer.

The license, software and training files will be provided at Phoenix on Monday 20th February.

For information about **Travel and Accomodations**, please see the weblink below :

<http://www.phoenixbv.com/contact.php>