

Phoenix Software and Design Training 2010

Venue – Phoenix Software headquarters in Enschede, The Netherlands

Course Outline:

1st day: Advanced Object-Oriented Mask Design and Functional Design Rule Checking

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

3rd day: Integrate Mask Design with Simulation in Photonics Modules

4th day: Integration of Photonics Modules with Process Flow Modules

The training will be 100% hands-on. Please bring your own computer and mouse.

Details of the programme are given below:

Programme: 2nd - 5th February 2010

Time:	Tuesday	Wednesday	Thursday	Friday
09.00 – 12.30	Omnidirectional connectivity	Modes analysis (TE, TM, Hybrid)	2D and 3D Propagation	FlowDesigner
	Advanced object oriented mask design			
13.00-15.00	Mask discretization	Optical loss in curve waveguide	Integrated Design : MMI	Microsystem Design Kit (integrate layers, layouts and process flow with the technology files)
	Integration with CleWin	Optical loss to substrate (high refractive index)	Integrated Design : MZI	
15.00-17.30	Functional design rule checking	Optical loss to metal (high imaginary index)	FDTD	questions and answers.
		Thermo-Electro Optics	Zone (combine BPM and FDTD in one file)	
			AWG	

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