Light Tec Training Series

RSoft Training

Register today for the upcoming RSoft training.
To register, or for more information, contact us about this event.

RSoft Active Component Tool Training

RSoft's Photonic Component Design Suite allows users to design and simulate both passive and active photonic devices for optical communications, optoelectronics, and semiconductor manufacturing applications. The Suite is easy to use, accurate, and provides increased design flexibility for fast virtual prototyping.

RSoft Active Component Tool

GOALS FOR THIS COURSE

This training program begins with the basics of the LaserMOD Tool and gradually moves to intermediate and advanced topics. Here's a summary of topics that will be covered: Introduction of simulation methodology used by the RSoft Component Design tools:

- Overview of the active devices which can be simulated in LaserMOD
- Introduction of simulation methodology used by LaserMOD
- Introduction to the LaserMOD CAD where the geometry and material properties of a design are set
- Review of RSoft CAD topics that apply to LaserMOD, such as Symbol, Material, and File Formats
- Advanced LaserMOD CAD layout options
- Meshing
- Profile Generation
- Material Gain Calculation
- Mode solving (via BeamPROP™, FemSIM™, and built-in Solver)
- Full active simulation
- Extracting Simulation Results
- Scanning of design parameters (including scripting)
- FP Lasers
- VCSELs
- DFBs
- Photodetectors
- Modulators
- Utilities that include active device simulate (If interest from attendees and time allows): Solar Cell Utility™, Multi-Physics Utility™, and Tapered Laser Utility™.

WHO SHOULD ATTEND?

Any engineer or designer who wants to learn to use design software for semi-conductor Lasers modeling will benefit from this course. Though not required, some familiarity with Lasers and CAD (concepts and terminology) is helpful.
Topics are subject to change according to the participant's needs.

Contact Us

Light Tec
Pôle d'Activités Hyérois
1128 Route de Toulon
83400 Hyères, France

Tel: +33 494 12 18 48
Fax: +33 494 12 18 49

Email: sales@lighttec.eu.com
Web: www.lighttec.fr