

Indian Institute of Technology, Kharagpur Adopts SimphoSOFT® Software for Post Graduate Teaching Laboratory and Scientific and Applications-oriented Research



Professors Samit Ray, Partha Roy Chaudhuri and Shivakiran Bhaktha with Master of Technology students at Solid State Technology Laboratory, IIT Kharagpur, performing simulations using SimphoSOFT software

Newark, New Jersey – Simphotek announces that one of the premier institutes in India – *Indian Institute of Technology, Kharagpur* has selected and purchased SimphoSOFT® software for its Master of Technology (M.Tech) program in Solid State Technology. M.Tech in Solid State Technology is an interdisciplinary post graduate program comprising many courses from physics, optics and materials science.

Professors Samit Ray, Partha Roy Chaudhuri and Shivakiran Bhaktha of the Department of Physics at the Indian Institute of Technology comment on the software, “We are using SimphoSOFT software to understand both the fundamental principles and applications of light propagation in a range of active optical materials, including energy transfer studies in rare-earth doped materials optical applications in lasers, amplifiers, and medicine. This will help our students pursuing the degree of Master of Technology to gain a great insight into non-linear material characterization, experiments and analysis, which is an essential skill to succeed in the

rapidly growing field of photonics that is the key to the next generation of advancement in materials science research and industrial development".

SimphoSOFT's descriptive manual comprises many basic and advanced tutorials for simulation of laser beam propagation in active photonic materials. Students learn by simulating real published experiments and then go on to try their own examples. The manual is not static as new examples are continuously added and there is an option to include more tutorials based on the students need.

For more information regarding the Simphotek's educators program and teaching licenses, please contact us at info@simphotek.com.

About Simphotek Incorporated

Simphotek is a global leader in the simulation of laser-material interactions, with a strong expertise in nonlinear active photonic materials. Working with our state-of-the-art patented SimphoSOFT® platform and the help and collaboration of our team of photonics experts, you will be able to design and model your particular photonics product application and be guided to a total solution that minimizes your build of materials, manpower and time while maximizing your ultimate product performance. Founded in 2007, Simphotek is a privately held company headquartered in Newark, New Jersey, USA.