

PhoenixSim Example Instruction

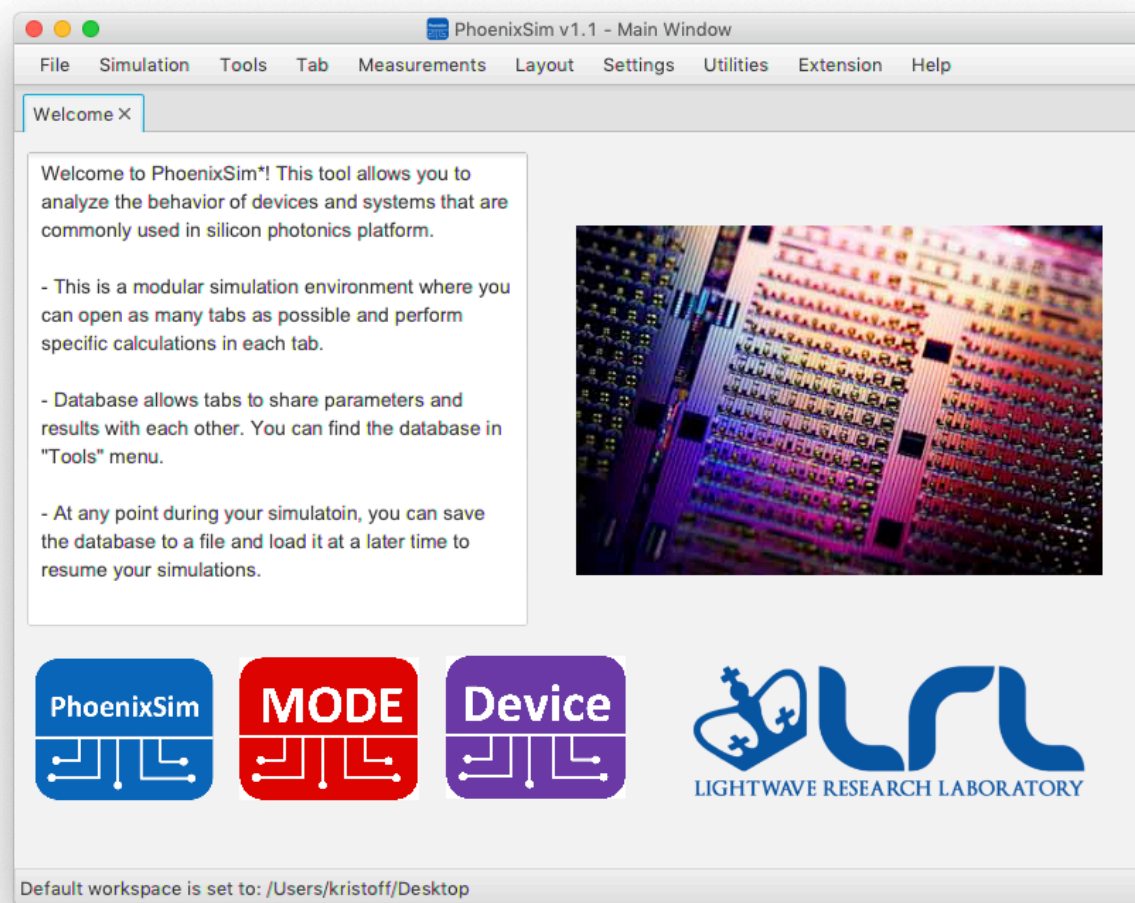
System requirements

Operating system: Windows 7 or later; Mac OS X; Linux.

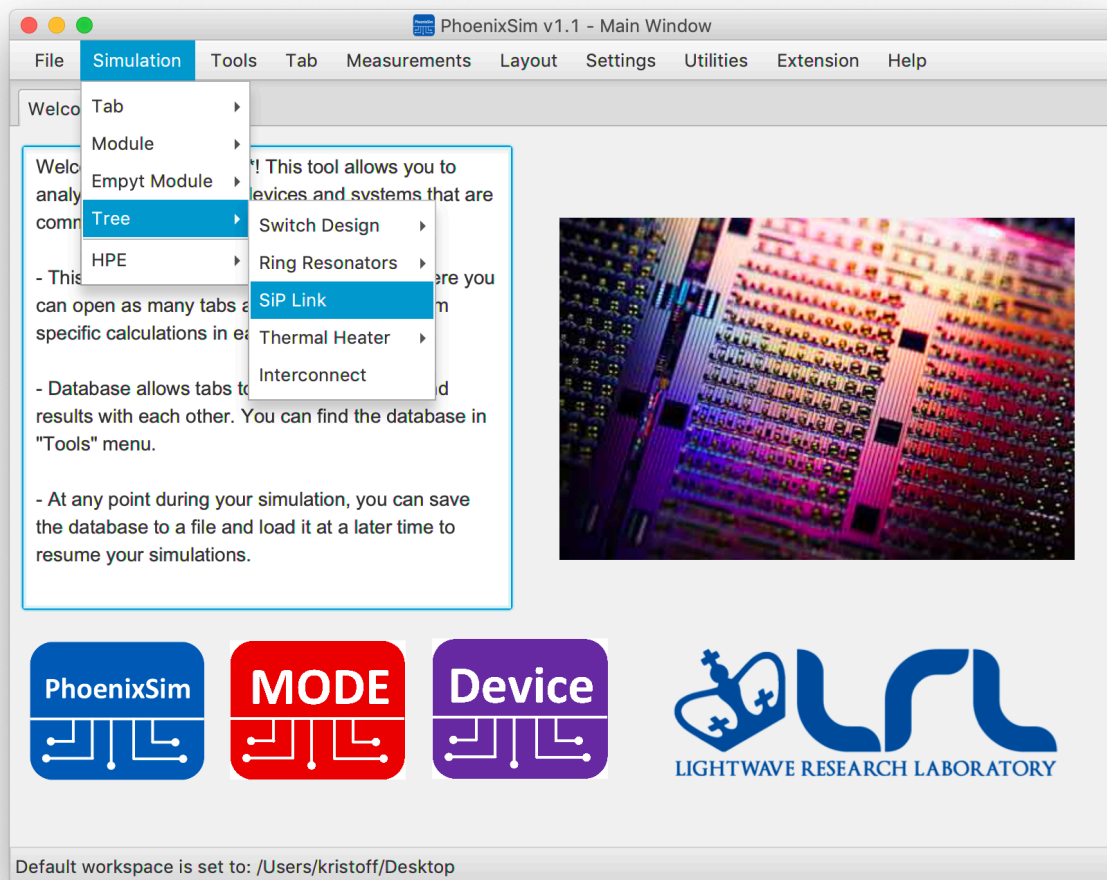
Prerequisites: please make sure that your system default Java version is **Java 8**.

Running a simulation from PhoenixSim

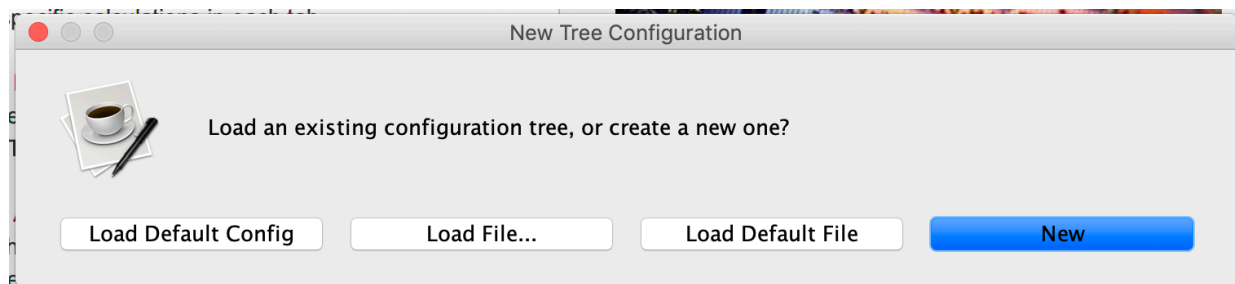
This is the main window of PhoenixSim:



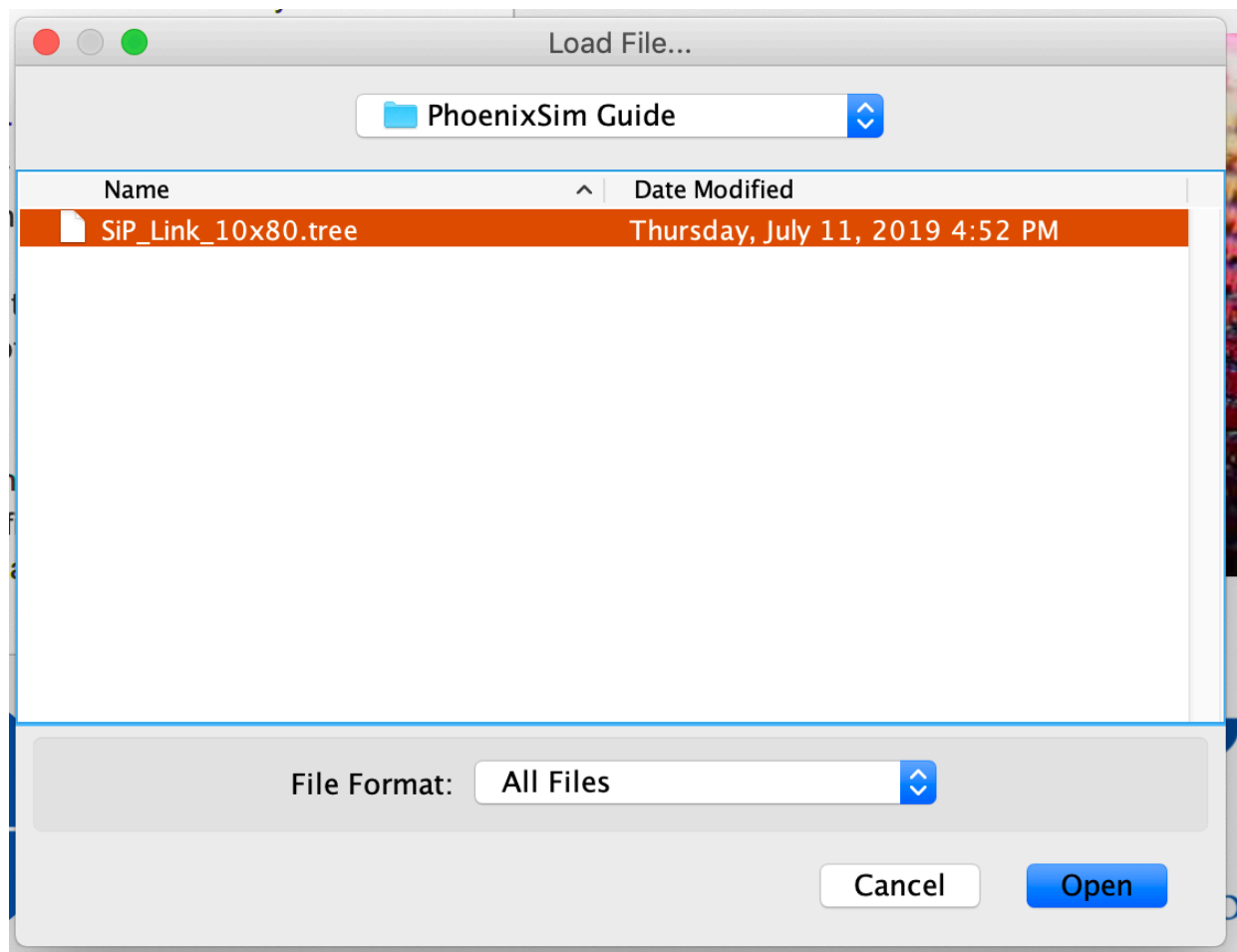
To start a photonic link simulation, simply click **Simulation** from the menu bar, then **Tree** —> **SiP Link**



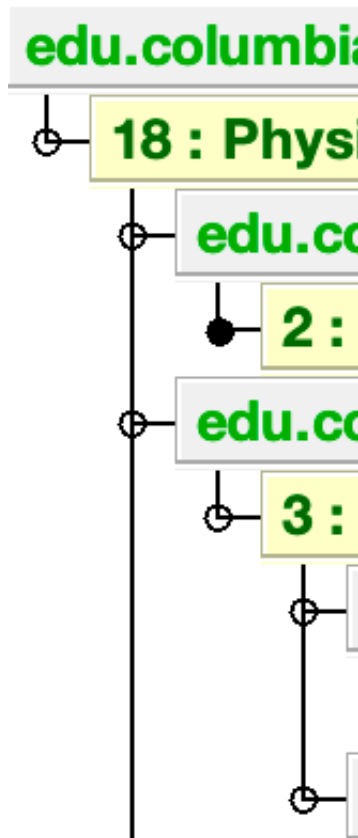
In a pop-up dialog, click **Load File...**



Then select the pre-defined experiment file "SiP_Link_10x80.tree", select **Open**.



After successful loading, you'll see a tree containing all the simulation models. To expand a node container you can simply click the small black dot, or click the **Deploy Tree** in the upper right corner to expand all the node containers.

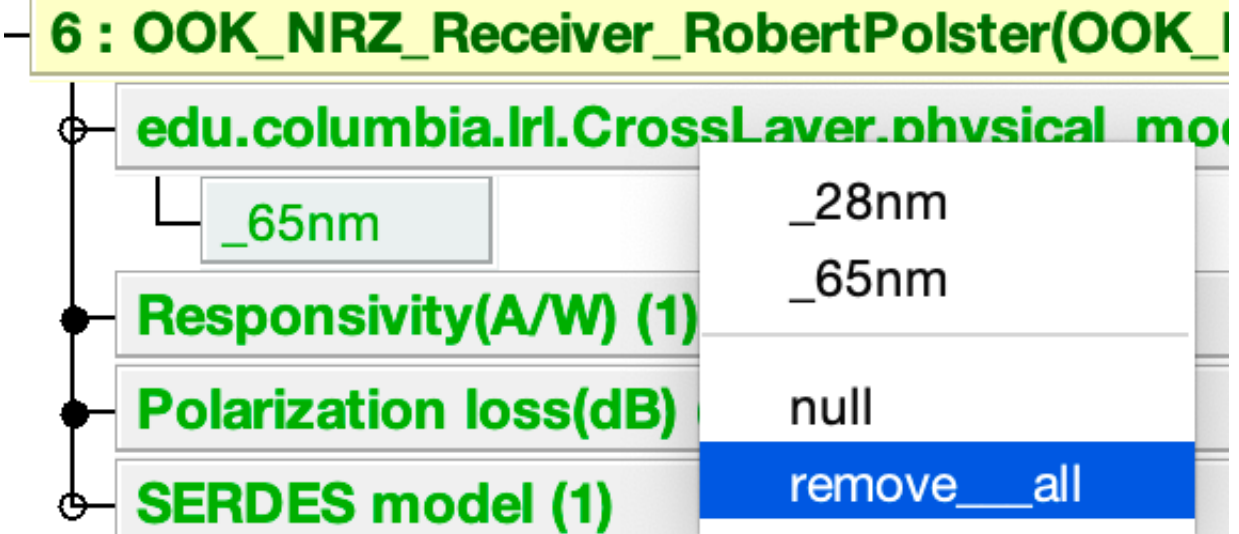


Save	Save As...	Deploy tree
boolean)		

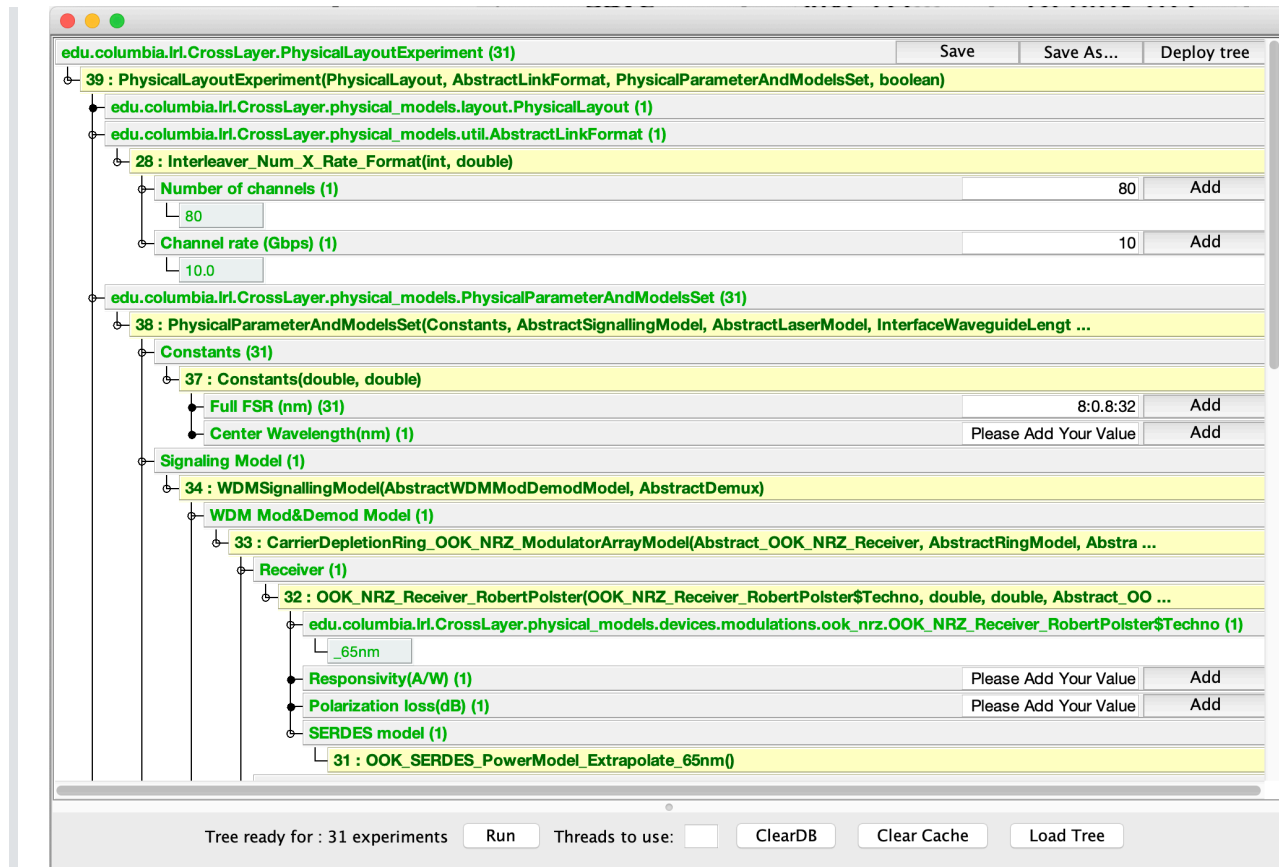
To add a parameter, enter your value in any corresponding text field, then click **Add**.

Please Add Your Value	Add
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To delete a parameter, right click the corresponding value and select **Suppress value**. To delete all the parameters of a node, right click the node container and select **remove__all** .



Click **Run** at the bottom to start the simulation.



The result manager will automatically pop up when the simulation finishes. To investigate the power consumption of the full link, select **Energy-per-bit (pJ)** from the drag-down menu.

