

Setfos is Easy to Use & Fast

Intuitive Graphical User Interface

- Easily design OPV and OLED devices via graphical user interface
- Device structure visualization
- Key graphs and reports are automatically generated
- Run multiple simulations in parallel

Optimize with unrivaled speed

- Setfos multithreading ensures electrical and optical device properties can be calculated in a few seconds
- Setfos includes fitting and optimization algorithms
- Extract physical parameters and optimize the device layout

setfos

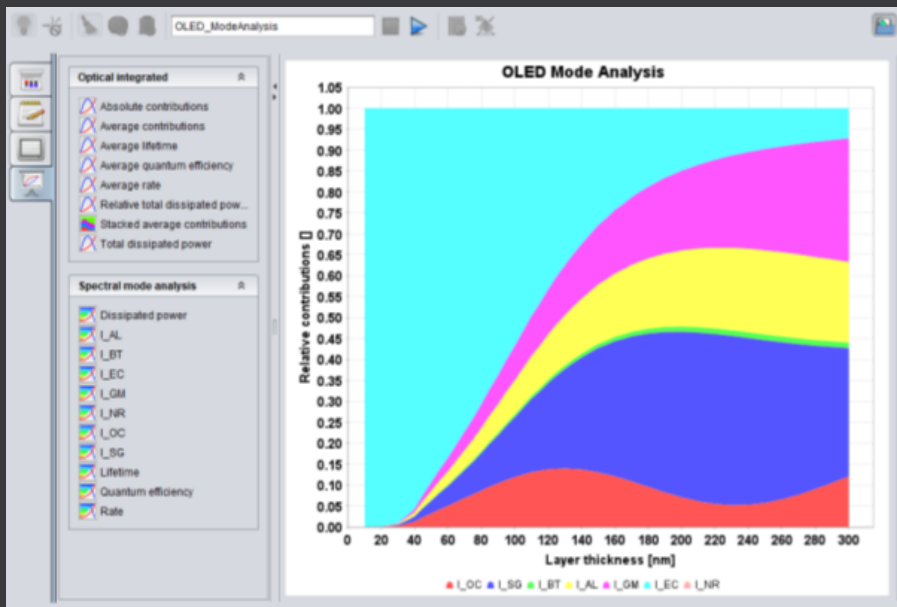
Simulation Software for Solar Cells & OLEDs

Absorption

Drift-Diffusion

Advanced Optics

Emission



Stay organized by simultaneously managing multiple simulations in the GUI work-space and compare selected results in the same plot.

Full technical support is included with every purchase of a Setfos software license.

Contact us today to arrange a free 1 month evaluation license.



Trusted by Academics & Industry



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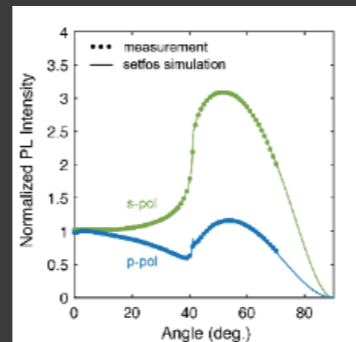
swiss made software



www.fluxim.com

Simulate & Optimize OLEDs & Solar Cells

- Physical models developed & trusted by leading scientists.
- Sound materials & device models that have been successfully validated by dedicated experiments.
- Setfos is continuously expanding its modeling possibilities. Enabling you to stay at the forefront of the development of organic and perovskite electronic devices.



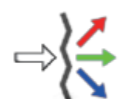
Absorption



Coherent/incoherent layers
Absorption profiles
Layer specific absorptions



Advanced Optics



Scattering (ray, Fourier) interfaces & particles (Mie)
Birefringence
Quantum dot down conversion



Drift-diffusion



Electronic & ionic charges
Excitons
Traps, doping, SRH
DC, AC, transient solvers
Charge recombination & generation interfaces in tandems
Polar layers



Emission



Coherent/incoherent layers
Spectral emission
Mode analysis
Quenching
Emission zone fitting



Advanced Features



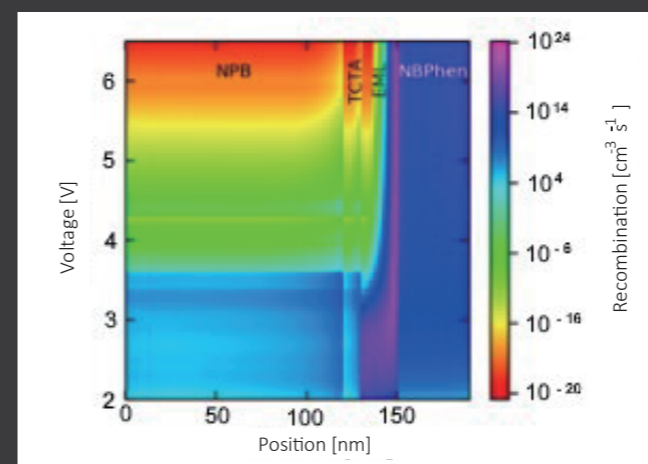
Use the optimization toolbox to improve your device or to extract physical parameters.



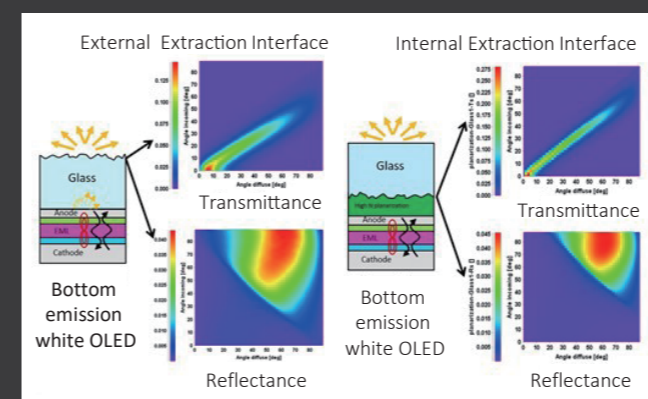
Sweep material parameters to analyze their influence on the device performance.

Accelerate Your Research with Setfos

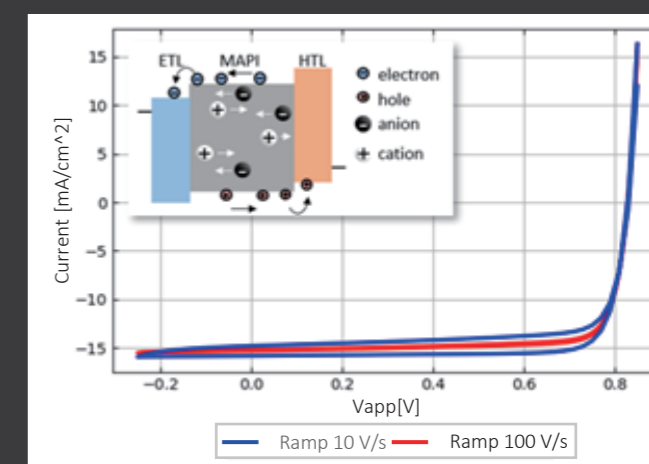
Setfos simulates LEDs from charge injection to light extraction.



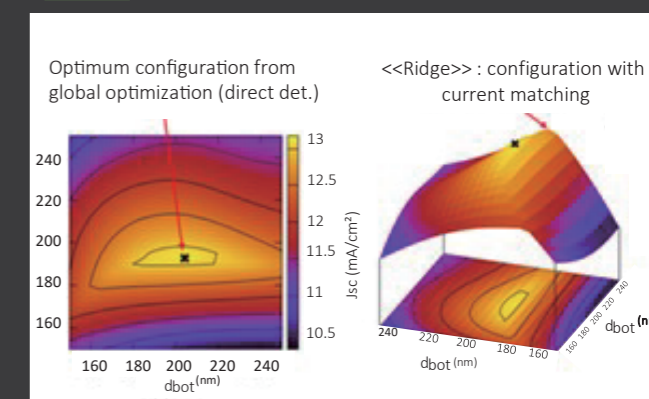
Advanced Optics module to optimize layer stacks with scattering elements.



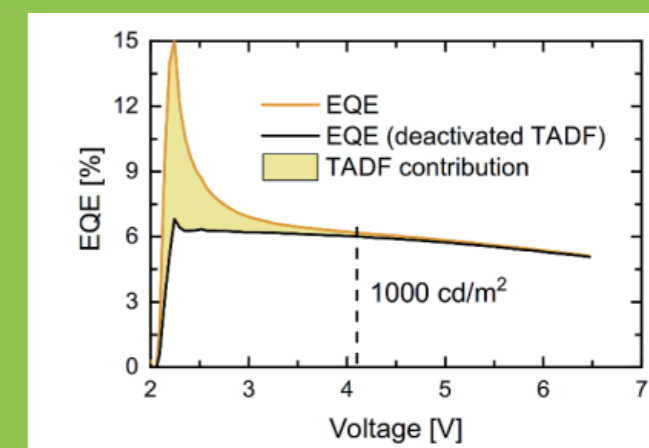
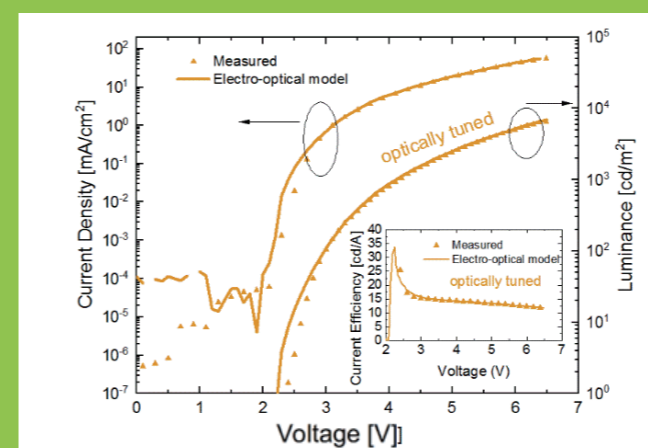
New possibilities for ionic devices such as perovskite solar cells and LECs.



Perform full electro-optical simulations and optimizations of tandem solar cells.



Validate Your Research with the Predictive Power of Setfos



setfos

Simulation Software for Solar Cells & OLEDs

