setfos

Simulation Software for Solar Cells & OLEDs

Absorption

Drift-Diffusion

Advanced Optics

Emission

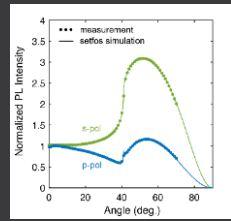www.fluxim.com

swiss made software

FLUXiM

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.
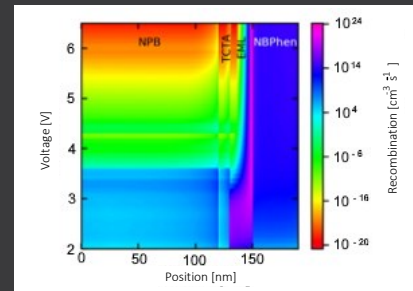

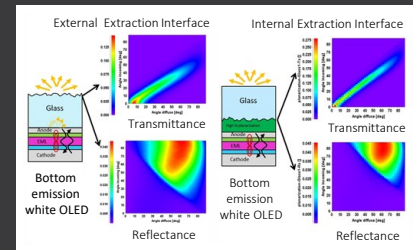| Absorption	Advanced Optics	Drift-diffusion	Emission
Coherent/incoherent layers	Scattering (ray, Fourier) interfaces & particles (Mie)	Electronic & ionic charges	Coherent/incoherent layers
Absorption profiles	Birefringence	Excitons	Spectral emission
Layer specific absorptions	Quantum dot down conversion	Traps, doping, SRH	Mode analysis
		DC, AC, transient solvers	Quenching
		Charge recombination & generation interfaces in tandems	Emission zone fitting
		Polar layers	
PV	PV LED	PV LED	LED

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.

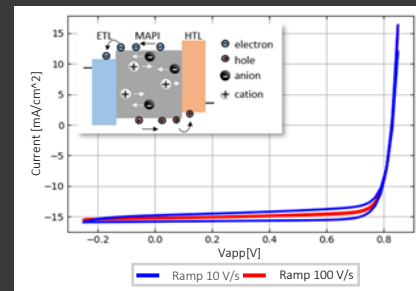## Accelerate Your Research with Setfos

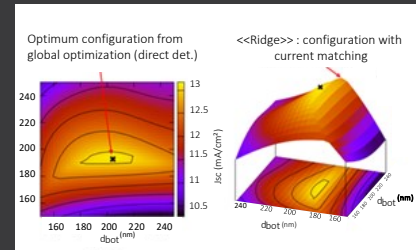Setfos simulates LEDs from charge injection to light extraction.

Advanced Optics module to optimize layer stacks with scattering elements.
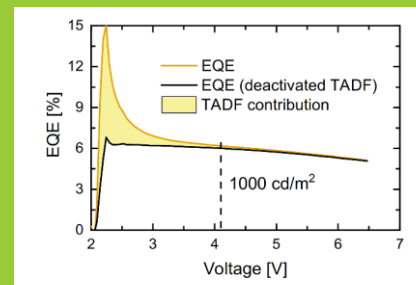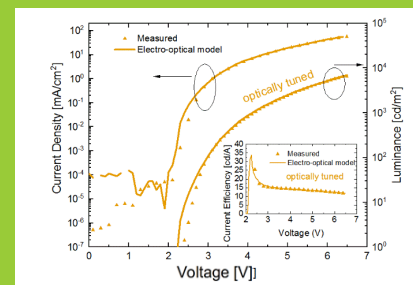

New possibilities for ionic devices such as perovskite solar cells and LECs.

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

Validate Your Research with the Predictive Power of Setfos

setfos

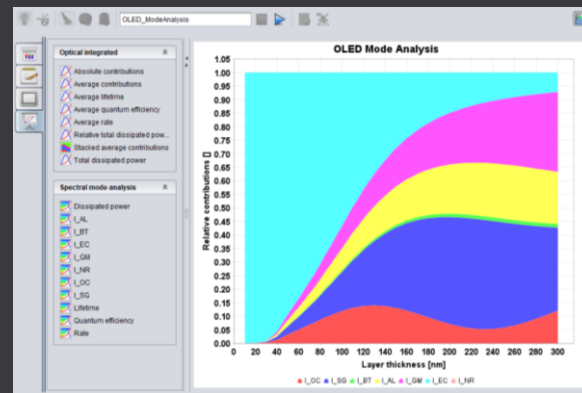Simulation Software for Solar Cells & OLEDs

FLUXiM

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

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