

## Webinar

VirtualLab Fusion Applications, Technology & Workflows

# One Physical-Optics Platform – Many Field Solvers!

**Date:** 27 May 2020

**Times:** 10:00 – 11:00 and 16:00 – 17:00 (CET)

**Registration:** Please register by clicking [here](#).

In this new webinar series we present the mathematical toolkit that helps make **fast physical optics** a reality, show how this toolkit is directly reflected in the user interface, and illustrate the impact it has for the average user, with an added bonus – a **sneak peek** into the coming release! In this first instalment we discuss one of our key strategies: **connecting different field solvers on a single simulation platform** – VirtualLab Fusion.

Optical systems, now more than ever before, are heterogeneous: many different elements, with varied working principles, are combined and must function together. But if we are to simulate such systems, we cannot restrict ourselves to employing a single solver across the board. We must show flexibility: different solvers for different elements. That VirtualLab Fusion allows for this connection of diverse solvers on one single platform brings the added benefit of a seamless combination of the individual results into what we were searching for all along – the full electromagnetic solution to the whole system.

Register to learn more about the following topics:

- Core strategy: **connecting field solvers**
- B-operator concept for maximum versatility – what is the **B operator**?
- **New and redesigned components** in VirtualLab Fusion (coming soon!)
- Live demonstrations of real-world applications: gratings in lens systems, etalons, coatings, and more!

