



# NOA SpringSchool

**Monday 02 March 2020**

**Lecture Prof. Dr. Kurt Busch, HU Berlin: Computational Photonics – Introduction into Finite-Differences (14:20-15:50)**

# Tuesday 03 March 2020

**Lecture Prof. Dr. Kurt Busch, HU Berlin: Computational Photonics – Exercise: Build and test your own 1D FDTD implementation (09:00-10:30)**

**Lecture Prof. Dr. Kurt Busch, HU Berlin: Computational Photonics – Complex Material Models and Open Systems (11:00-12:30)**

**Lecture Prof. Dr. Kurt Busch, HU Berlin: Computational Photonics – Exercise: Extend your 1D- FDTD implementation to Kerr nonlinearities (13:30-15:00)**