

- FDTD Method
  - Finite Difference Time Domain (FDTD) solver introduction
  - Lumerical's conformal mesh whitepaper
  - Understanding Mesh Refinement and Conformal Mesh in FDTD
  - Understanding coherence in FDTD simulations
  - Units and normalization conventions in Lumerical solvers
- Getting Frequency Domain Results
  - <u>Understanding frequency domain CW normalization</u>
  - Spectral averaging introduction and definitions
  - Energy conservation between the time and frequency domain

