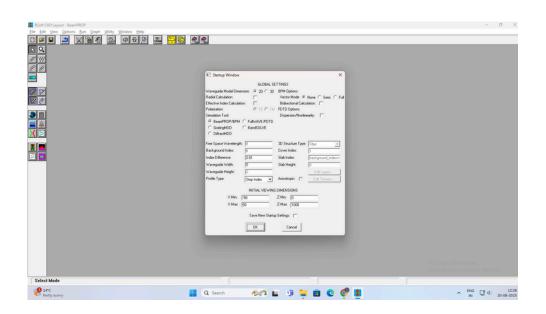
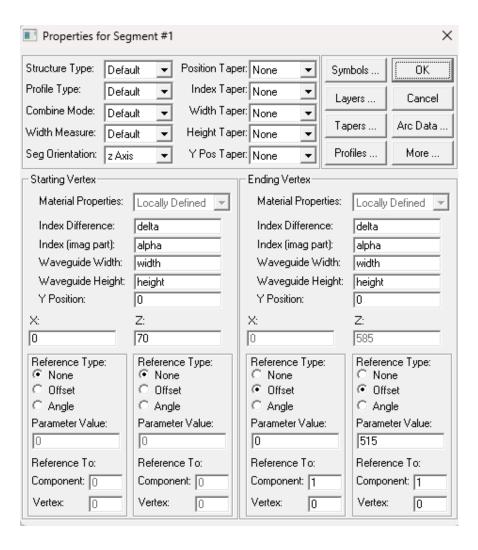
This PDF just contains images — it's not a guide or walkthrough. I had initially taken some of these images with the intention of creating a proper guide, but I never got around to it since I didn't really have the time or interest. Still, I'm leaving the images here in case they're might be useful sometime.

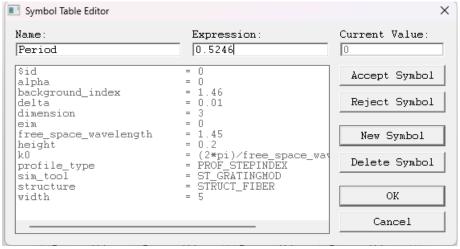
The event spanned two days and was focused on photonics. The structure was roughly 60% theory and 40% hands-on work. It involved tools like RSoft, OptiFDTD, Lumerical, and COMSOL, though most of it ended up being theoretical due to the high cost of licenses for the software.

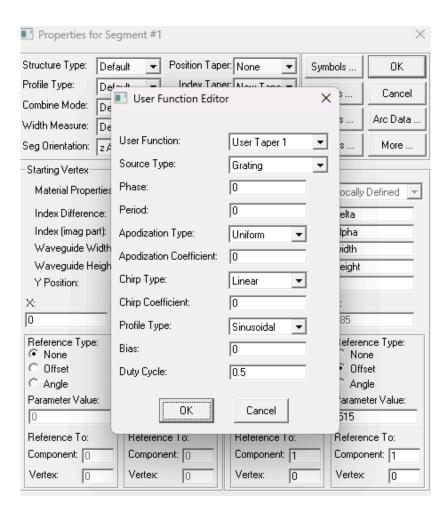
DAY 1

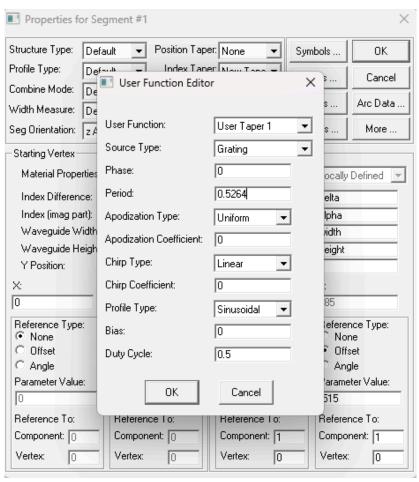


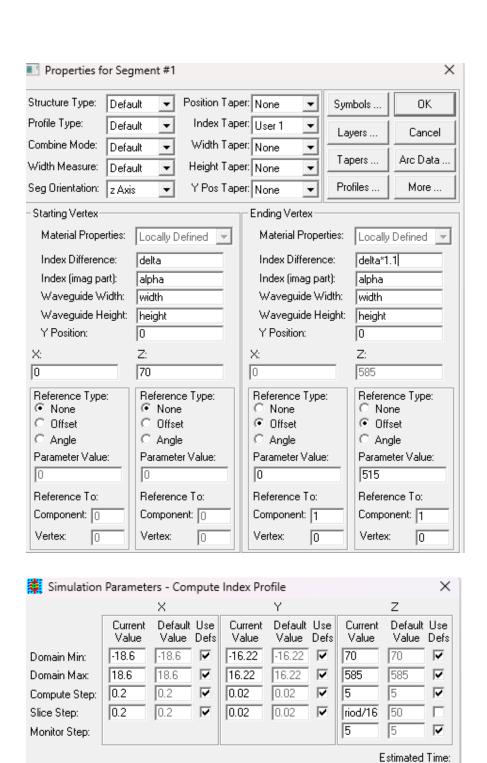
Startup Window	×
GLOBAL SE	TTINGS
Waveguide Model Dimension: C 2D © 3D Radial Calculation: Effective Index Calculation: Polarization: © TE C TM Simulation Tool: C BeamPROP/BPM C FullWAVE/FDTD C GratingMOD C BandSOLVE C DiffractMOD	Vector Mode:
Free Space Wavelength: 1.45 Background Index: 1.46 Index Difference: 0.01 Waveguide Width: 5 Waveguide Height: 0.2 Profile Type: Step Index ▼	3D Structure Type: Fiber Cover Index: 1 Slab Index: background_index+c Slab Height: 0
INITIAL VIEWING X Min: -50 X Max: 50 Save New Startup OK	Z Min: 0 Z Max: 1000











Output File Prefix:

Output ...

Display Mode:

Fixed at Z-Min

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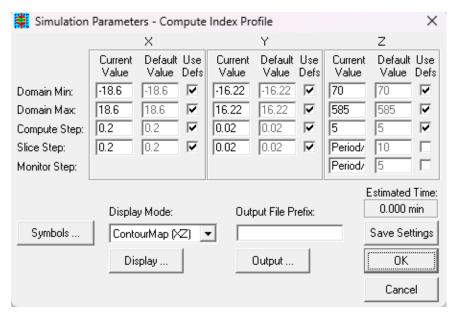
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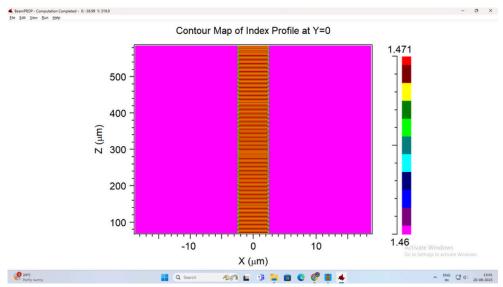
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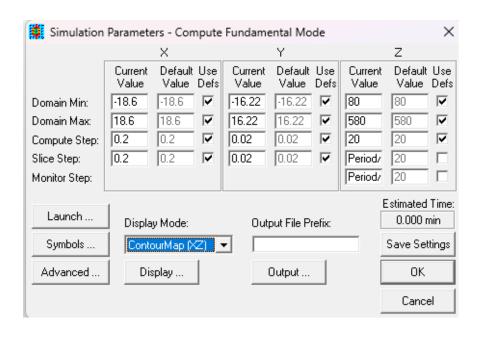
Save Settings

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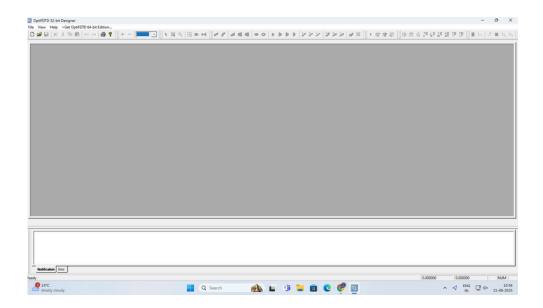
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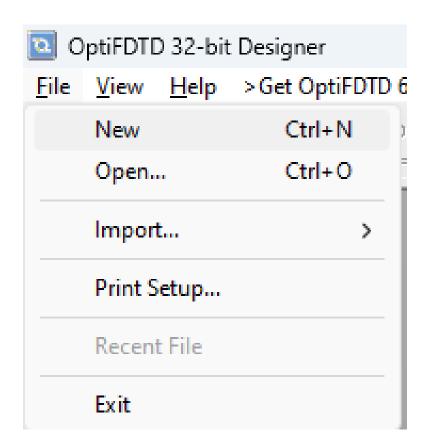


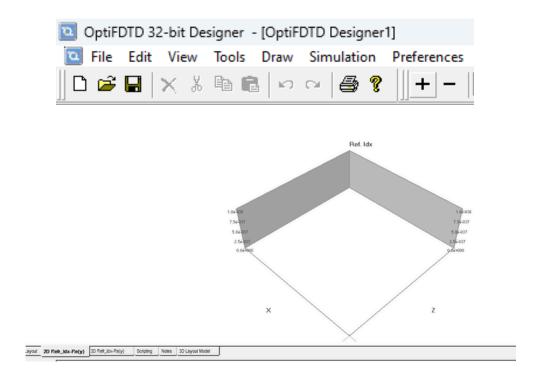




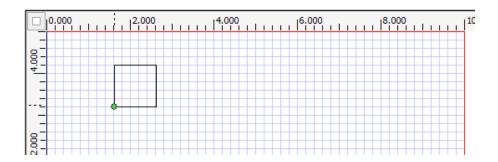
DAY 2





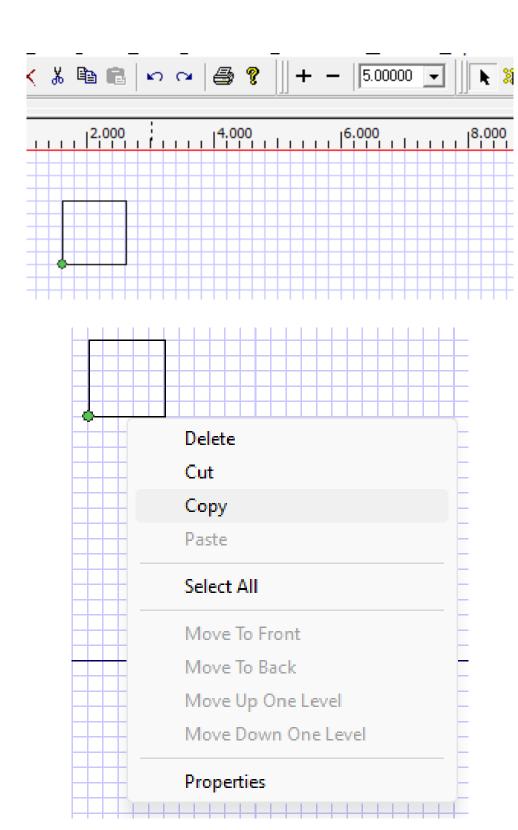


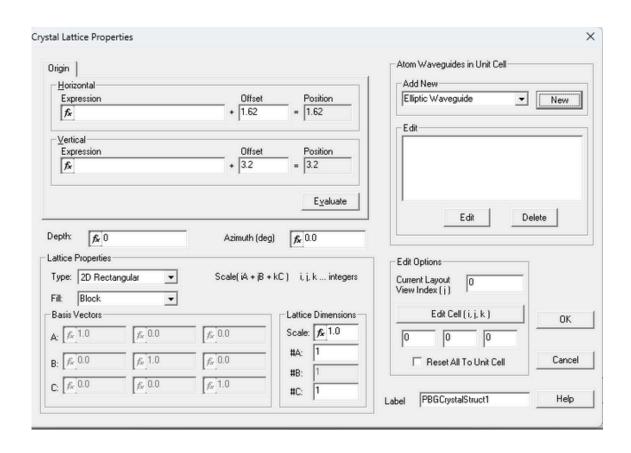


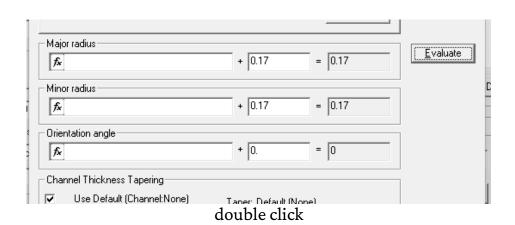


PARAMETER

number of holes / micro pillar in x and y direction - 27.33
radius of micro pillar / holes- 0.12um - 0.2um
lattice constant of crystal structure - 0.12 - 1um
lattice configuration - square lattice hexagonal
type of configurations



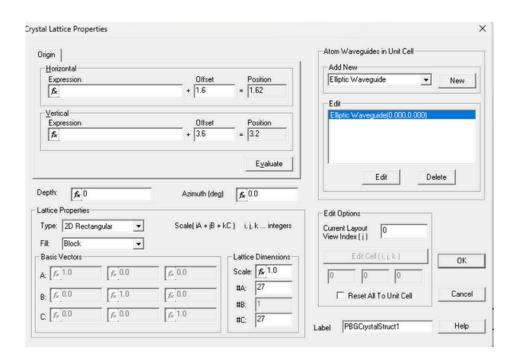


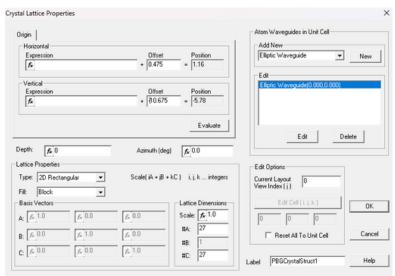


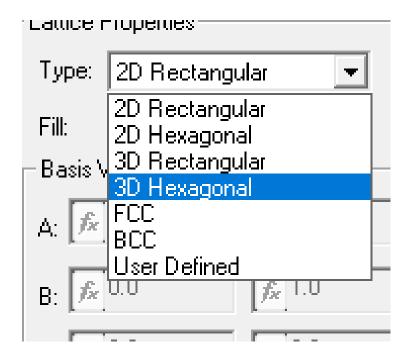
Major radius $f_{k} = 0.17$ + 0.17
= 0.34

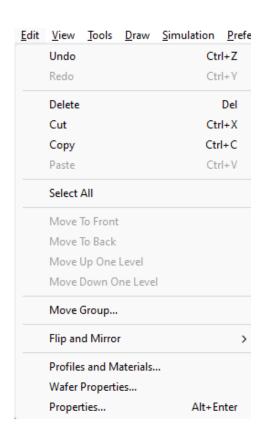
Minor radius $f_{k} = 0.17$ + 0.17
= 0.34

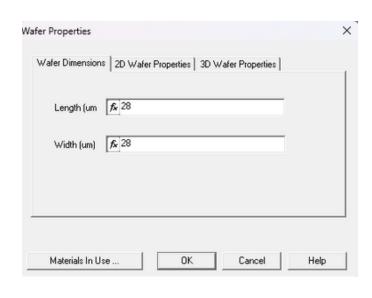
Orientation angle $f_{k} = 0.34$

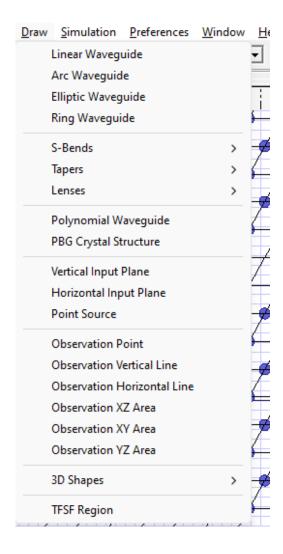


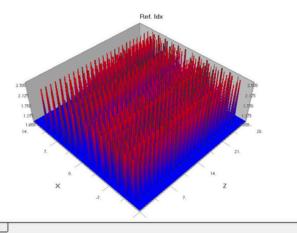




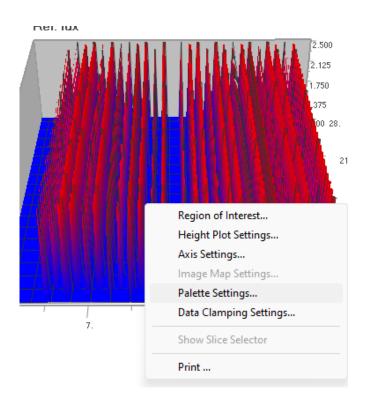


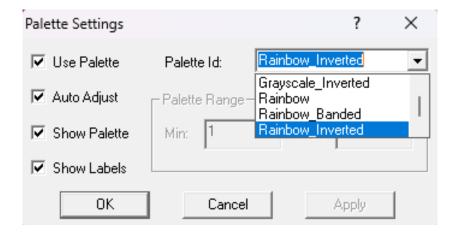


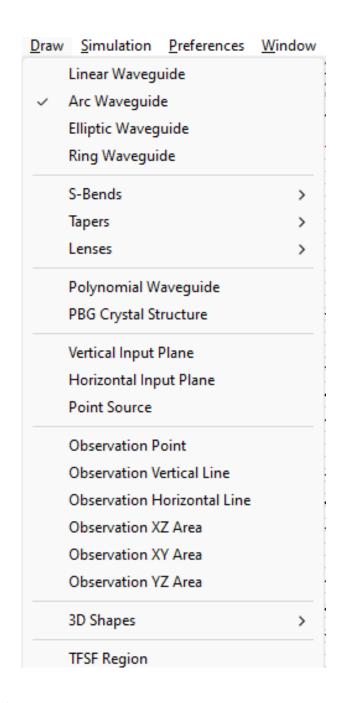




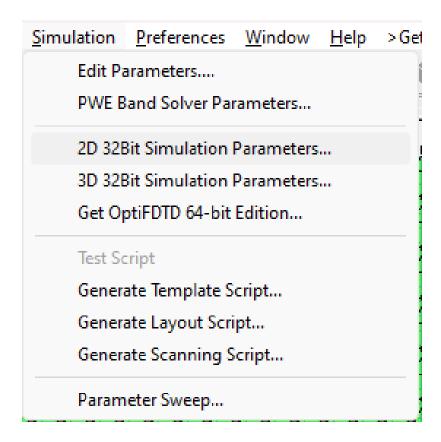
Layout 20 Refr_ldx-Re(y) 30 Refr_ldx-Re(y) Scripting Notes 30 Layout Model



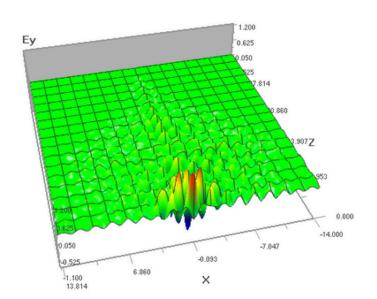




observation VERTICAL LINE AREA AND POINTS click and observe in 2D



run save



Tools Window Help Observation Area Analysis Crosscut Viewer Slice Chooser Mode Overlap Integral Input Overlap Integral Input Overlap Integral Scanner Far Field Slice Power Power Sweep Analysis

