



Digital Model for Deformable Phase Plates

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EPIC Online Technology Meeting on Optical Design and Simulations

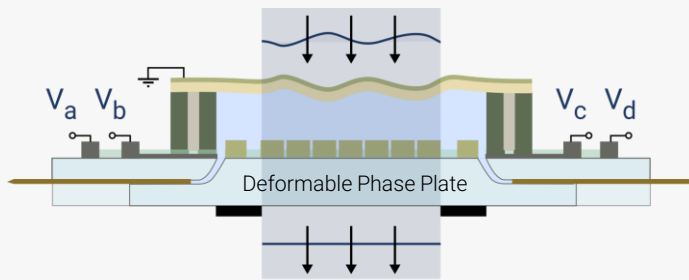
6 November 2023



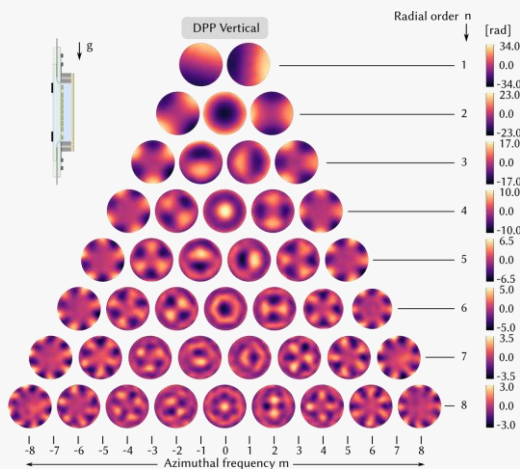
phaseform

Deformable Phase Plate (DPP)

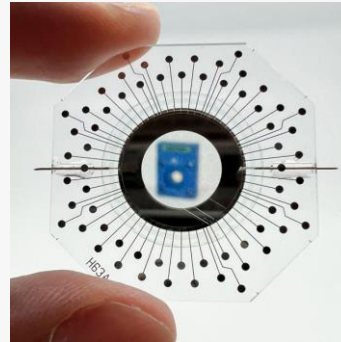
A deformable mirror, but **transparent**



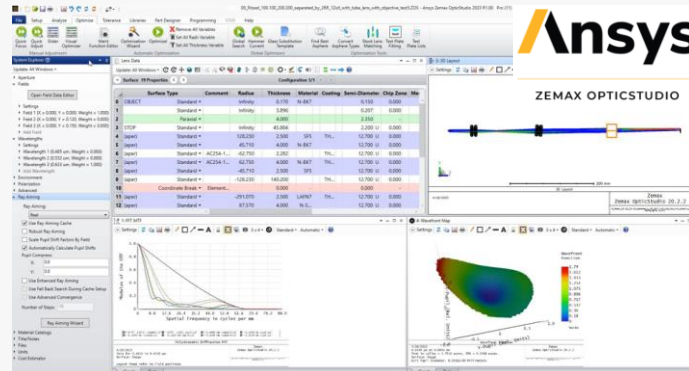
Replicates complex Zernike modes



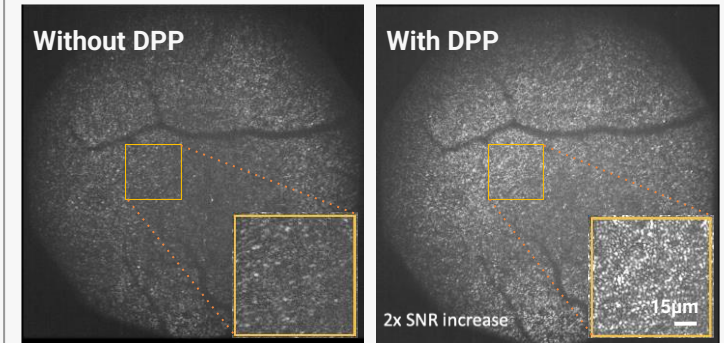
Digital model of DPP representing its **empirical** properties



→ insert into OptiStudio just as you would insert a lens DLL

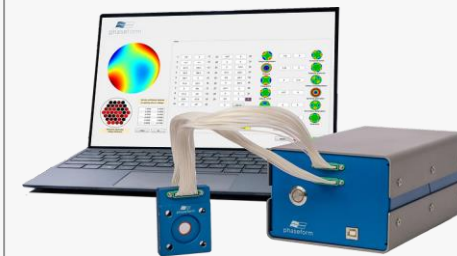


Enabling novel, more compact and performant **system designs** & solutions



Institut Langevin
ONDES ET IMAGES

Courtesy of Dr. Kate Grieve & Dr. Pedro Meceré at Institut Langevin in Paris



Phaseform Delta 7
DPP-based development kit

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Download digital model for free!