



## SUPER-RESOLUTION OPTICAL MICROSCOPE

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### The Invention

UW Madison researchers have devised a simplified super-resolution microscope with resolving features smaller than the diffraction limits of the optical system. The new super-resolution microscope exploits the properties of common optical diffraction patterns to eliminate the vortex plate and, in some cases, allows super-resolution imaging with standard confocal microscope optics.

### Additional Information

#### For More Information About the Inventors

- [Shimon Kolkowitz](#)

#### Tech Fields

- [Analytical Instrumentation, Methods & Materials : Spectroscopy.](#)

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