

# A New Direction for Fiber Refractive Index Profiling

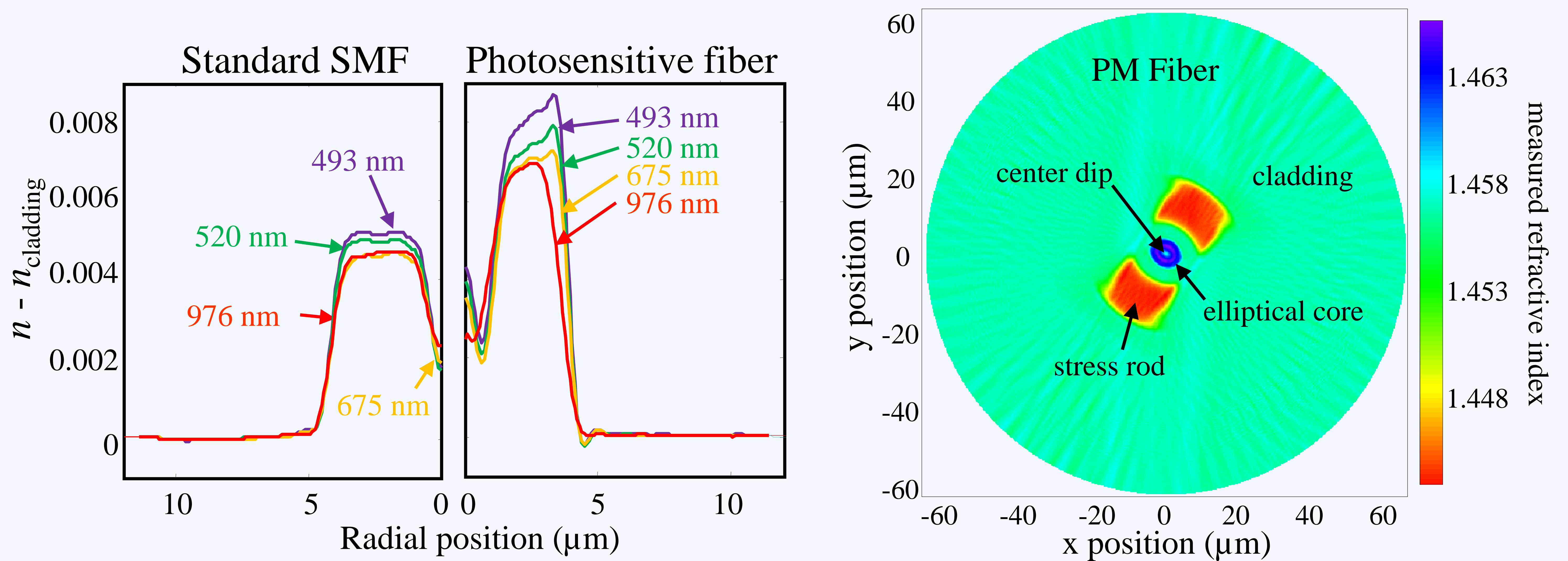


## IFA-100 Multiwavelength Optical Fiber Analyzer

- Multiwavelength
- No cleave required
- Sub- $\mu\text{m}$  spatial resolution
- Applicable to any fiber type
- Fast measurement time
- Measure splices, tapers, couplers

 **INTERFIBER ANALYSIS**  
Optical Fiber Measurement Specialists

## Sample data :



## IFA-100 specifications :

Refractive index accuracy	+/- 0.0001
Spatial resolution	~ 500 nm
Measurement wavelength	500 nm to 1 $\mu\text{m}$
Fiber diameter	40 $\mu\text{m}$ to 400 $\mu\text{m}$
Fiber material	Silica glass, non-silica glass, plastic
Concentricity error measurement	+/- 200 nm
Core non-circularity error measurement	+/- 0.4 %
Fiber type	singlemode, multimode, microstructured (PCF), PM, multicore, rare-earth, cladding-pumped, large mode area, low bend loss, high- $\Delta$ , etc.

 **INTERFIBER ANALYSIS**

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