

# Physics Department Seminar

Friday April 5<sup>th</sup>, 2013

11:00am in PhSc 105

## “Building a Phase Induced Amplitude Apodization System”

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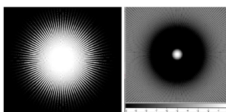
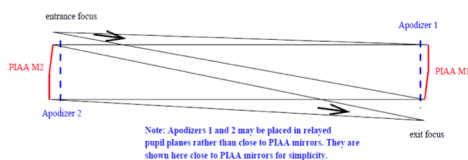


Tinsley Laboratories

*Graduate 2004*



Phase Induced Amplitude Apodization (PIAA) System



### Abstract:

It's difficult to understand exactly what we'll need from our math and physics backgrounds before we enter the work place. Tinsley's work on the Phase Induced Amplitude Apodization (PIAA) project tested its senior metrologists' problem solving abilities to extreme measures (no pun intended). In this presentation we will go through the base system and component testing, the problems we had to address, and how we applied our extensive backgrounds and experience to solving them.