

Lumetrics®, Inc. Research selected for presentation at 2013 OptiFab Conference

Michael Marcus, Principal scientist at Rochester-based Lumetrics Inc, presents latest findings on precise refractive index measurements of lenses and other optical components at the 2013 OptiFab conference.

Rochester, NY- November 4, 2013- The leading manufacturer of non-contact measurement solutions, Lumetrics®, Inc. was selected to present at the prominent 2013 OptiFab conference and exhibition. Michael Marcus, Lumetrics Principal Scientist and former Kodak inventor, presented his work on using non-contact thickness and distance measurements for quick and precise measurements of refractive indices of polymers and glass in air and liquid.

This research “will help contact lens manufacturers produce the highest quality contact lenses using our OptiGauge™ measurement technology,” said Filipp Ignatovich, Lumetrics’ CTO “, “and enable optics and other materials companies to control the quality and properties of their products.”

This research is important because the refractive index of a material can change from batch to batch during the manufacturing process. Refractive index is also dependent on temperature and wavelength. For highly sensitive applications, such as ophthalmology or defense, the minute changes of the refractive index can significantly affect the performance of the component or the systems where these components are used. Accurate knowledge of the refractive index enables manufacturers to control for environmental and production variables, while developing cutting edge devices.

About Lumetrics

For more than a decade, Lumetrics® has been providing installations of its OptiGauge™ thickness measurement system to hundreds of companies throughout the world, including 6 of the top 11 medical device manufacturers, the top four ophthalmics companies, and the largest glass manufacturers in the world. Lumetrics is known worldwide for its proven non-contact measurement system, OptiGauge™. With the recent addition of products acquired from Abbott Medical Optics, Lumetrics provides wavefront analysis of Intraocular and contact lenses, and laser beams in industry, government and independent research labs. Our systems are deployed in quality and R&D labs, and production floors providing real-time measurements to improve yield, reduce costs, improve quality and meet compliancy requirements. To find out what Lumetrics, Inc. can do for you, visit www.Lumetrics.com .