

ASE Adds Dr. Jennifer Rouke to Optical Engineering Team

ROCHESTER, N.Y., Dec. 20 (SEND2PRESS NEWSWIRE) – With the addition of Dr. Jennifer Rouke, ASE Optics increases its capabilities in systems analysis and modeling for imaging systems. ASE Optics provides contract optical engineering and custom lens assembly manufacturing for companies worldwide.

ASE President Christopher Cotton notes: “Dr. Rouke’s extensive systems engineering experience will grow both our team’s capacity and our ability to partner on larger programs. Her recent work in alignment modeling for earth imaging systems and remote sensors is tremendously valuable to some of our current astronomy projects.”

Jennifer Rouke adds, “Joining ASE Optics brings me back into the lab, and will let me bring some of my thesis work in interferometry and optical measurements to bear. Working with this team and with this range of customer projects is an exciting opportunity.”

With outstanding credentials including a PhD in Optics from the University of Rochester, Dr. Rouke adds considerable practical expertise to the ASE optical engineering staff. Her theoretical and experimental experience at the U of R Institute of Optics included work with gradient index (GRIN) materials, fabrication of gradient-index glass, interferometric measurement of index profiles and wavefronts, derivation of birefringent GRIN ray tracing equations, and modeling of fringe patterns.

Dr. Rouke’s recent design projects have included modeling for precision mirror alignment in WorldView-2 and GeoEye-1 earth imaging systems. The addition of her systems engineering and modeling expertise will help ASE Optics to better serve its growing base of astronomy, defense, medical, and high technology customers.

About ASE Optics:

ASE Optics was founded in 1994 to provide optical engineering support for companies who couldn’t find, couldn’t afford, or couldn’t justify having an optical engineer on staff. ASE Optics “sees beyond the lens,” providing elegant optical designs that work within the system, maintaining integrity and seamlessly integrating for optimal system performance. Their optical engineers’ expertise is both deep and broad, crossing industries from security and defense to consumer electronics to medical devices.

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