



David R. Jenkins

Professional Experience

2012-Present Executive Director
President of Sales and Marketing, Radiant Imaging, Inc.
Staff Optical Engineer, Radiant Imaging, Inc.
Optical Engineer, Federal Signal Corporation
Lead Engineering Project Engineer, North American Lighting
Research Associate and Fellow, University of Michigan
Research Associate and Fellow, University of Texas at Austin

Education

1991 M.S. Degree in Physics, University of Michigan
1990 B.S. Degree in Physics, University of Texas at Austin

Mr. Jenkins' experience in optical system R&D, engineering, and design falls primarily within four areas:

product management, manufacturing, QA/QC, compliance engineering and global sales and marketing management. Dave participated in the early implementations of non-sequential raytracing for illumination system design. Within the context of illumination system design, simulation, and engineering, he has developed new products and technology within both large multinational corporations and start-up environments. His experience includes the development of illumination systems and customized light and color measurement systems for approximately one hundred external clients.

His product design experience spans a broad range from illumination systems in automotive exterior lighting (signal and forward), emergency vehicle warning lamps (LED and strobe), aircraft interior lighting (white and color controlled SSL), aircraft exterior

Cassarly, W.J., D.R. Jenkins, and H. Mönch, "Accurate Illumination System Predictions Using Measured Spatial Luminance Distributions", in Modeling and Characterization of Light Sources, Proceedings of SPIE Vol. 4775 (SPIE, Bellingham, WA 2002).

Jenkins, D.R., D.C. Beuzekom, G. Kollman, C.B. Wooley, and R.F. Rykowski, "Digital Imaging Colorimeter for Fast Measurement of Chromaticity Coordinate and Luminance Uniformity of Displays", in Flat Panel Display Technology and Display Metrology II, Edward F. Kelley; Apostolos T. Voutsas, Editors, Proceedings of SPIE Vol. 4295 (SPIE, Bellingham, WA 2001).

Jenkins, D. and H.Mönch. H., "Source Imaging Goniometer Method of Light Source Characterization for Accurate Projection System Design, Society for Information Display Conference, Long Beach, CA, (Jan 1, 2000).

Jenkins, D.R, B. Wang, S. Banerjee, and J. Jiao, "Low Beam Head Lamp Design Using Distributive Lighting System", Society of Automotive Engineers Annual Meeting 1996, Reprinted in Automotive Design Advancements in Human Factors: Improving Drivers' Comfort and Performance (Society of Automotive Engineers, Inc. Warrendale, PA, 1996).

Conti, R.S., P.H. Bucksbaum, D. Kilper and D. Jenkins, "New Tests of P-Conserving T-Violation in Atoms", in Proceedings of the Annual Meeting of the American Physical Society (1991).

Professional Societies

Member Society of Photo-Optical Instrumentation Engineers (SPIE)
Member Optica
Member Illumination Engineering Society (IESNA)
Member Society of Automotive Engineers (SAE)
Member CIE