



**Scott A. Merritt**  
**IEC LLC, Principal**

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**BIO SUMMARY:**

Dr. Merritt has over 21 years of management and engineering experience with 13 years in optoelectronics and 8 years in communications systems engineering. He is a capable goal oriented professional with demonstrated skills in marketing, optical component engineering, medical device design, and electronic design. Dr. Merritt's progressive work experience as director for product marketing, product line manager, senior engineer, and applications engineer spans indium phosphide, lithium niobate, and microelectronics technologies on products including: 40 Gb/s receivers, tunable laser gain chips, Fabry-Perot Lasers, superluminescent diodes, booster optical amplifiers, wavelockers, and erbium fiber amplifiers. Dr. Merritt is the holder of 6 granted patents in optoelectronics, microelectronics, and digital signal processing and is author or co-author of over 18 papers and a book chapter on optoelectronic packaging. Dr. Merritt developed signal processing algorithms and hardware for specialized communications systems for U.S. Government customers while working at The Analytic Sciences Corporation in Vienna, Virginia (1982-1988). Dr. Merritt started his engineering career in 1979 at Teledyne in Charlottesville Virginia, where he designed medical instrumentation, including the TA-200 diagnostic audiometer.

**RELATED WORK EXPERIENCE:**

*June 2002 – Present: Covega Corp (Formerly Quantum Photonics), Jessup, MD*  
Product Manager (Jan 2003 – Present)  
Director of Marketing, Components (July 2002 – Jan 2003)

*Dec 1997 – June 2002: JDS Uniphase*  
Product Marketing Manager, Advanced Receiver (Jan 2002 – June 2002)  
Sales and Applications Engineering (July 1999 – Dec 2001)  
Senior Engineer, Electro-Optics Products Division (Dec 1997 – July 1999)

*Sept. 1994 – Dec. 1997: Optoelectronics Packaging, Laboratory for Physical Sciences, College Park, MD*  
Research Faculty

*Sept. 1988 – Aug. 1989: Avion Systems, Incorporated*  
Senior Engineer

*Dec. 1982 – Aug. 1988: The Analytic Sciences Corporation (TASC)*  
Member of Technical Staff

*Aug 1979 – Dec. 1982: Teledyne Avioics*  
Project Engineer

**PUBLICATIONS & PRESENTATIONS: 18**

**PATENT(S): 6**

**EDUCATION:**

UNIVERSITY OF MARYLAND, COLLEGE OF ENGINEERING, College Park, MD  
PhD Electrical Engineering

VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA  
MS Electrical Engineering

UNIVERSITY OF VIRGINIA, Charlottesville, VA  
ME Biomedical Engineering

VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA  
BS Physics

CENTRAL VIRGINIA COMMUNITY COLLEGE, LYNCHBURG, VA