

## Symposium VI. Invited Speaker



**Dr. Michael Lebby, PhD, MBA, DEng, CEng  
General Manager & Chief Technology Officer, Translucent Inc. USA.**

In April 2010, Lebby joined Translucent Inc. based in Palo Alto, California to head up the company's R&D efforts to commercialize rare earth oxides for epitaxial based materials that have been developed over the past decade. Crystalline based semiconductor rare-earth oxides exhibit a number of attractive properties for advanced substrate and device solutions that include GaN-on-Si for solid state lighting and power electronics, Ge-on-Si for CPV solar, and GaAs based photonics and electronics.

Lebby led the drive for green photonics while heading OIDA in the mid-2000s. The adoption and acceleration of this new discipline has become a significant focus for the photonics industry.

Lebby's career has spanned all aspects of the optoelectronics business ranging from research and development, operations, manufacturing, and finance, to sales, marketing, and investing. Lebby has worked at RSRE for the British Government in the UK, AT&T Bell Labs, Motorola, Tyco Electronics, Intel, Ignis Optics (VC backed start-up that was sold to Bookham - now Oclaro), OIDA, and presently, Translucent. With more than 180 USPTO utility patents issued in the field of optoelectronics, Lebby has been cited by the USPTO to be in the most prolific 75 inventors in the country from 1988-1997. Lebby is a Fellow member of IEEE and OSA, and has testified on behalf of the optoelectronics industry while working for OIDA on Capitol Hill. Lebby has given numerous talks, speeches, panel discussions, and interviews, on the subject of optoelectronics internationally over the past two decades. Lebby has 2 doctorates and a MBA from the University of Bradford in the UK.