

CREOSA SEMINAR ANNOUNCEMENT



Dr. Eugene Arthurs

CEO, SPIE

(SPIE-The International Society for Optics and Photonics)

Friday, March 27, 2009

10:00 a.m. - 11:00 p.m.

William C. Jason Library, room 605 (sixth floor)

The Future is Photonic

Despite the distressing economic turmoil of 2008, the future remains bright across the photonic spectrum. For some years we have seen the major themes in the National Research Council's report, "Harnessing Light", develop into solid markets. Yes, there was irrational exuberance about the optical communication market around 2000 that quickly led to irrational pessimism. The optically powered internet has grown strongly and will get a major boost from the Stimulus. Photonics in medicine, in genomics, and in entertainment and imaging, and the use of photonics in manufacturing and security and defense are all expanding steadily. Photonics in energy, another focus of the Stimulus, is growing strongly and will contribute to the sustainability of humanity. This presentation attempts to give a sense of the scope of this field of opportunity, a rationale for the assertion that the future is truly photonic..