

Problem Based Learning in Photonics Technology Education Summary:

Authors: Massa, et al

SPIE Optics & Photonics Conference – San Diego, CA, August 2008

In this paper, we present the Photon PBL project, a three-year National Science Foundation Advanced Technological Education (NSF-ATE) project aimed at developing, in partnership with photonics industry and university partners, a comprehensive series of multimedia PBL instructional materials and training for photonics technology educators from across the US and abroad. Results from first-year pilot testing of multimedia PBL instructional materials, problem development and implementation strategies are detailed.