

**Creating and Using Industry-Based Problem-Based Learning Challenges in Photonics: Lessons Learned Summary:**

Authors: Donnelly, et al

Proceedings of the Education and Training in Optics and Photonics (ETOP) Conference – Wales, UK, June 2009

In this paper we describe the evolution of the development of the Challenges and we provide instructions on creating a Challenge and using it in the classroom to enhance student learning.