

Title: Radiation Effects to Electronics: An Overview

In this talk, Dr. Georgios Tsiligiannis will present an overview of challenges encountered when building systems meant to operate under ionizing radiation. More specifically, he will be presenting an overview of Single Events and Cumulative Effects to electronics, the different radiation environments encountered in various applications, and the fundamentals of Radiation Hardness Assurance. He will also share his career path and experiences as a Radiation Effects and Digital Design Engineer.