

## Talk 1: Laser-driven beams for radiation-to-electronics study

*Thursday 13 June 2024 09:15 (20 minutes)*

**Abstract:**

This contribution will discuss the possibility to study radiation damage to electronics in high energy laser facility. The main characteristics as well as the inherent limitations of the laser-driven beams will be presented in order to assess the overall maturity of the technology will be assessed. The relevance for laser facilities of the radiation damage to electronics induced by radiation will also be discussed.

**CV:**

Roberto Versaci has a high energy physics background. During his fellowship in the FLUKA team at CERN, he started working on the radiation to electronics issue. Since 2013, he is at the ELI Beamlines laser facility where he is the head of the Monte Carlo group and he works, among other things, on the radiation to electronics issue.

**Presenter:** VERSACI (ELI ERIC), Roberto

**Session Classification:** Session 4: Alternative Probes for SEE Testing