



Contribution ID: 281

Type: **not specified**

RadiaSoft: Computation, Controls & Machine Learning for Free Electron Lasers

Tuesday 20 August 2024 13:00 (1h 30m)

RadiaSoft applies machine learning techniques to design particle accelerators, radiation sources, and real-time control systems. Recent projects and new ideas are discussed, with an emphasis on free electron lasers and emerging applications, such as ptychography.