

# DLA-PINEM physics and efficient acceleration

*Monday 18 March 2024 09:30 (30 minutes)*

PINEM, the exchange of photons with a given electron, could be regarded as the fundamental effect governing DLA in the quantum regime. Understanding PINEM physics is an excellent approach to thinking about more efficient DLA structures. I will discuss the link between PINEM and DLA in detail, towards higher-gradient acceleration

**Presenter:** SHILOH, Roy (FAU Erlangen-Nuremberg)

**Session Classification:** DLA - Theory and Design