


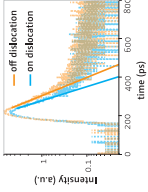



The First Quantitative Cathodoluminescence System

- Why Compromise!**
- Zero Alignment
 - 10 nm spatial resolution
 - 100 x larger field of view
 - High collection efficiency
 - Arbitrary positioning
 - 10K-300K
 - Optical hub
 - Field upgradable: Picosecond pulsed operation

Discover the New Cathodoluminescence Revolution

- Integrated Cathodoluminescence
- Embedded optical microscope
- Cryogenic nanopositioning stage
- Time-Resolved

Carrier Dynamics

40 ps
Time evolution of excited carriers in a Gallium Arsenide pyramid

Threading dislocations at the surface of bulk Gallium Nitride