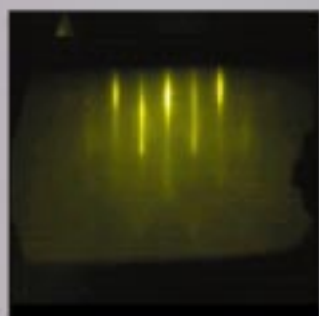
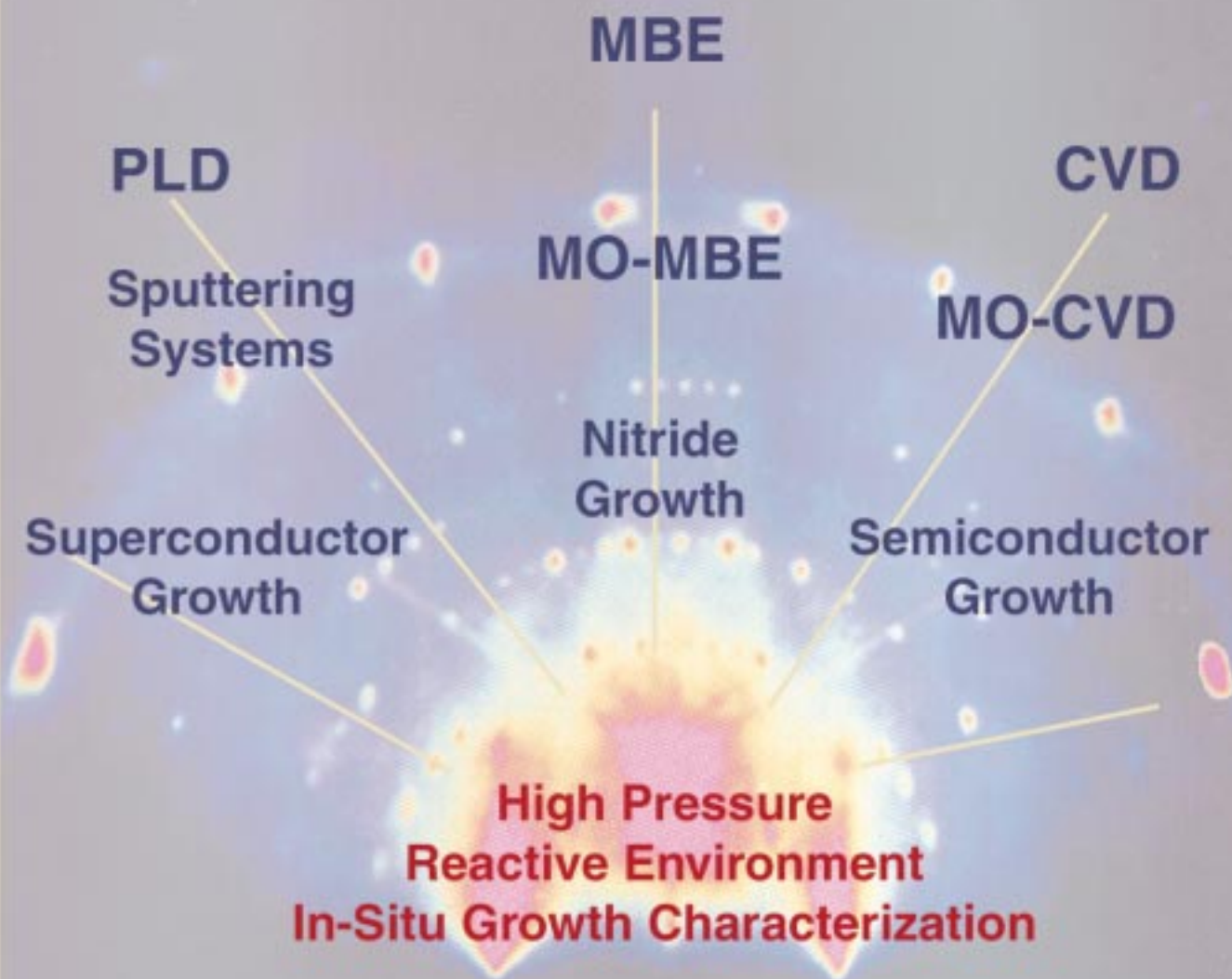




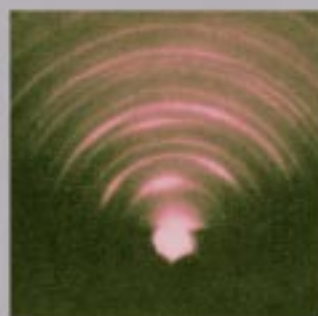
Torr RHEED™

New RHEED Technique

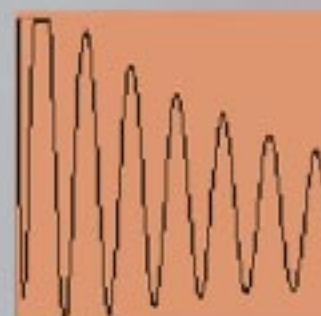
STAI B INSTRUMENTS



**Crystal Structure
Lattice Spacing**



Texture Analysis



Growth Rate



Torr RHEED™

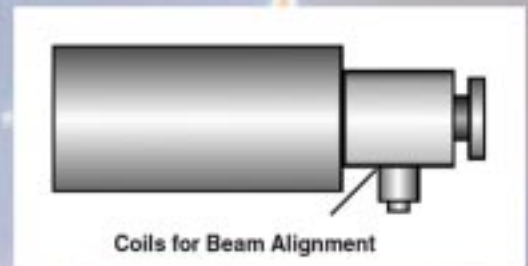
STAIB INSTRUMENTS

Design Options

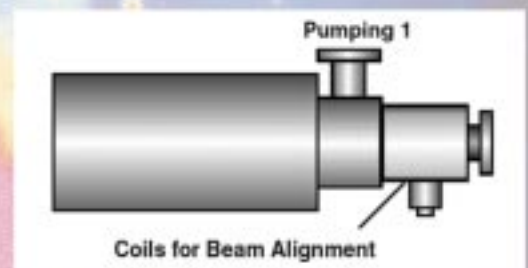
Azimuthal Angle Control
Computer Control
Retraction

Incidence Angle Adjustment
High Temperature
Isolation Gate Valve

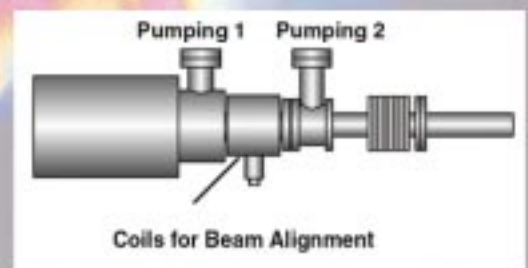
Up to 10^{-5} Torr
Non-Reactive Environment



Up to 10^{-3} Torr
Reactive or
Non-Reactive Environment



Up to 1 Torr
Reactive Environment
with Mechanical Alignment



Up to 1 Torr
Reactive Environment
with Mechanical Alignment
and Electronic Beam Deflection
(Incidence and Azimuth)

