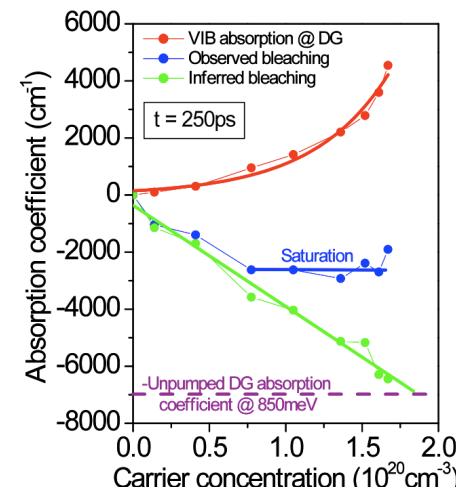
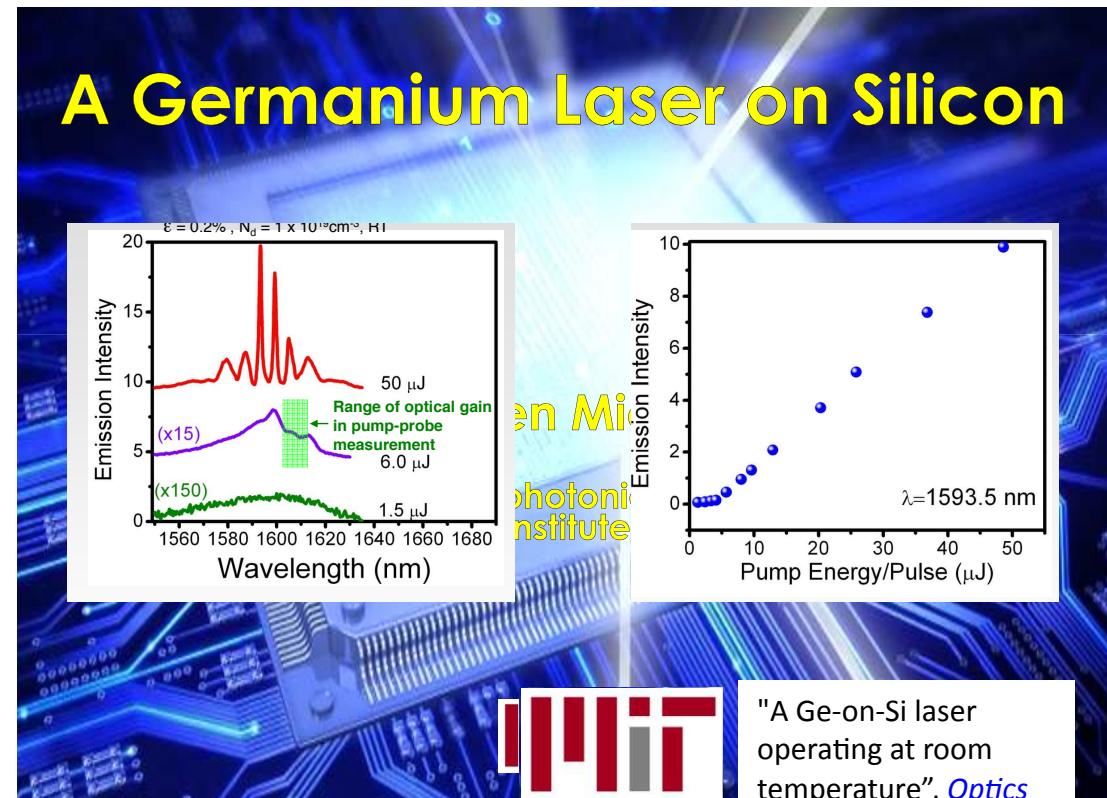
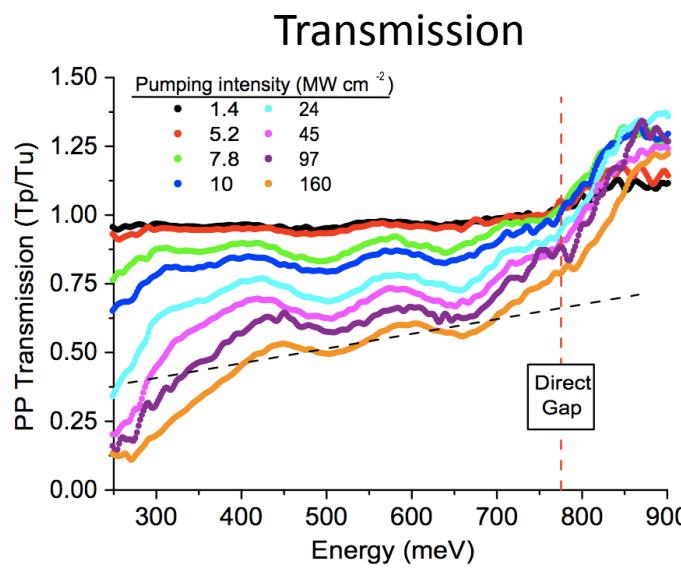
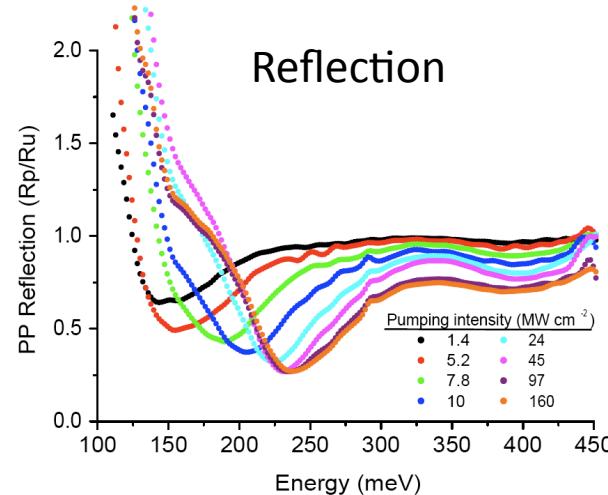


P/P on Ge laser material



- Broadband P/P reflection and transmission study reveal pump induced carrier concentration and material loss
- Investigated material (no MIT material) did not reach laser threshold due to dominant pump induced absorption (PIA)
- PIA could be assigned to inter valence band transition.

Lee Carroll et al., to be published