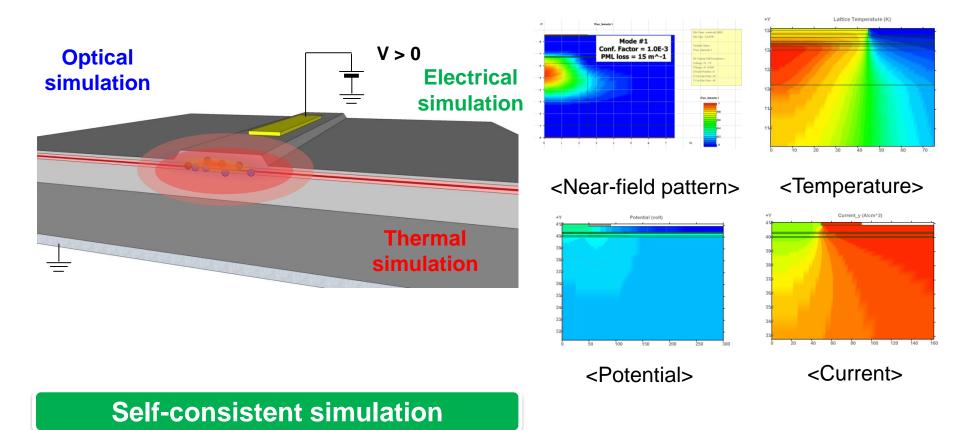
HPLD Simulation Research



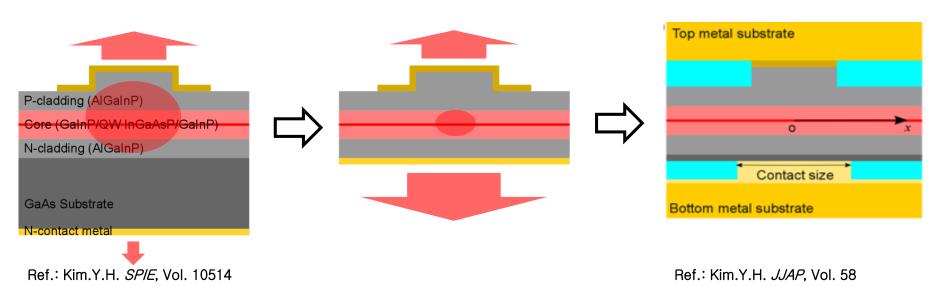
LASTIP of CROSSLIGHT INC.

Innovative Research Group

Yonsei University 1

Previous Works (1)

- Improved heat-sink using ELO (Epitaxial Lift Off) technique
 - 2018 SPIE Photonics West (2018)
- Improved LD performance with a DP (Double Pedestal) structure
 - Japanese Journal of Applied Physics 58, 042004 (2019)

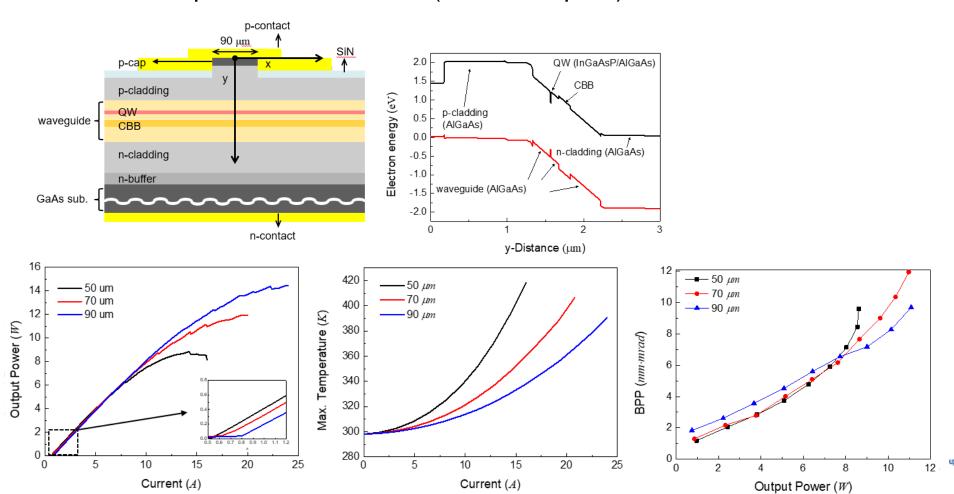


Innovative Research Group

Yonsei University 2

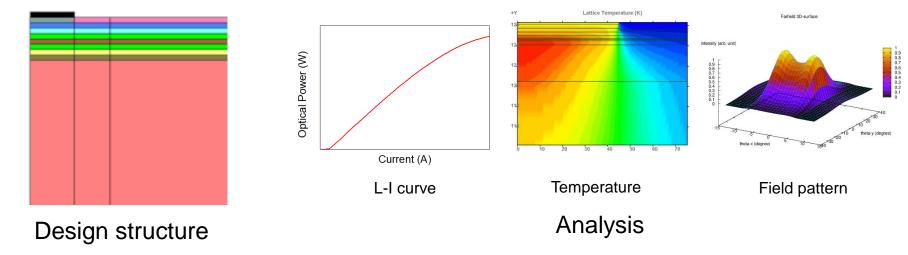
Previous Works (2)

- Influence of Emitter Width on 975 nm InGaAsP/AIGaAs HPLD
 - 2018 Photonics Conference (2018)
 - 2019 SPIE Photonics West (2019)
 - Current Optics and Photonics (2019 accepted)



Work in Progress

Design laser diode (LD) (λ= 850 nm)



Fabrication designed laser diode (co-work with QSI)

