

Department of Quantum Information Electronics  
Area of Information Device

Kondow Laboratory <http://www.e3.eei.eng.osaka-u.ac.jp>

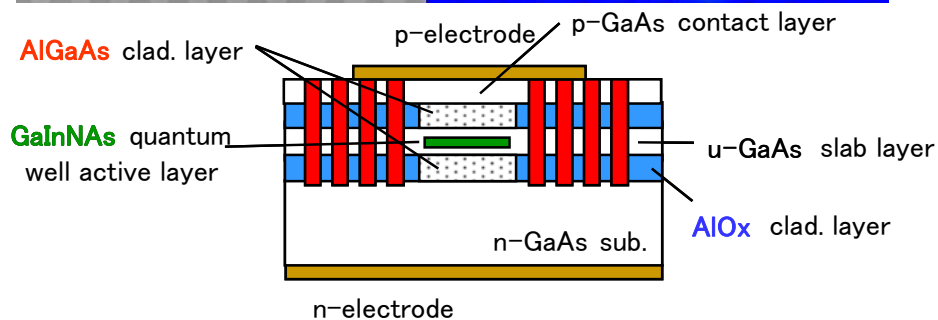
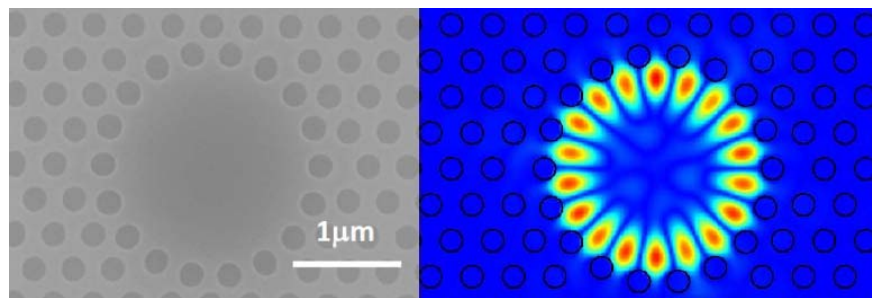
## Theme

Development of innovative semiconductor devices for next generation in IT

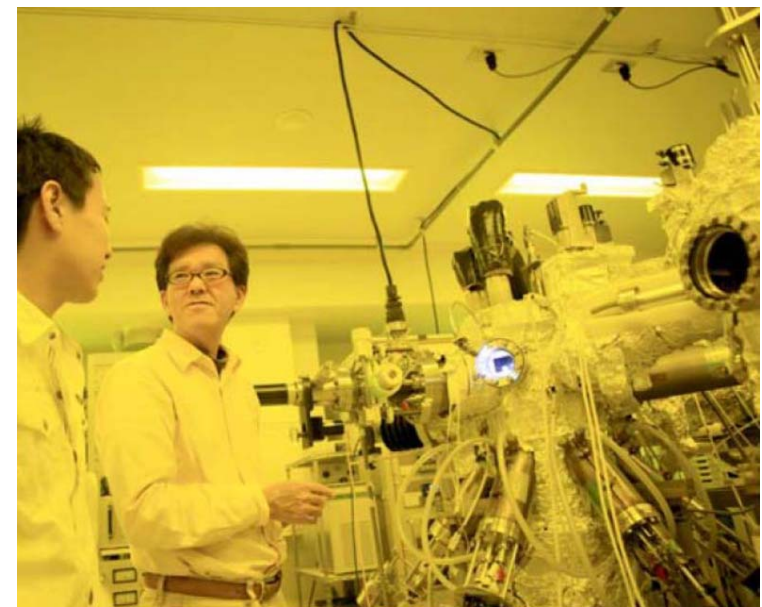
## Main research

Circular defect (CirD) photonic crystal lasers

~The 3<sup>rd</sup> basic laser structure~



Structure of a developing laser  
Top and cross-sectional view



Molecular Beam Epitaxy (MBE) machine  
Nobel semiconductor, GaInNAs, can be grown.

## Staff

Prof.: Masahiko KONDOW, Associate Prof.: Hirotake KAJII, Assistant Prof.: Masato MORIFUJI