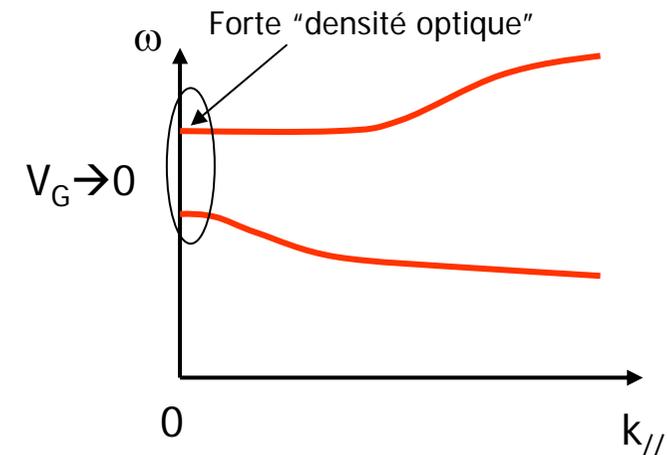
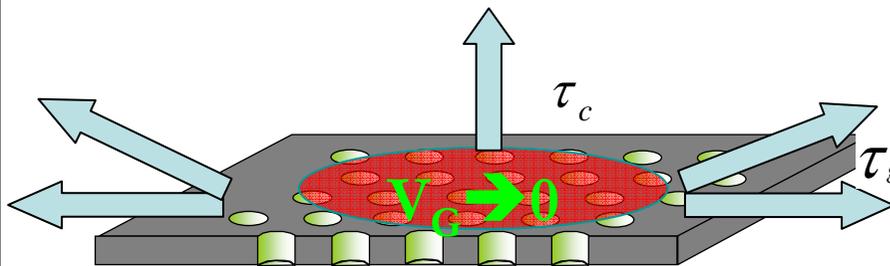


Ingénierie du confinement de modes de Bloch lents dans un cristal photonique 2D

F. Bordas, L. Ferrier, M. J. Steel, E. Drouard, X. Letartre, A. Rahmani et C. Seassal

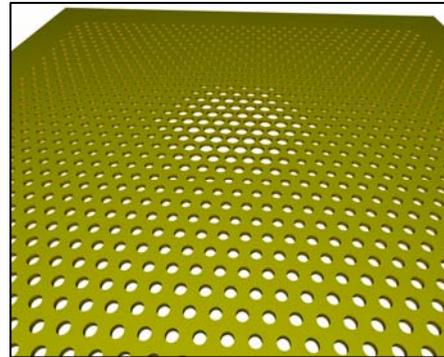
- Université de Lyon, Institut des Nanotechnologies de Lyon (INL-UMR CNRS 5270)
- RSoft Design Group, Australie
- CUDOS, Macquarie University, Australie



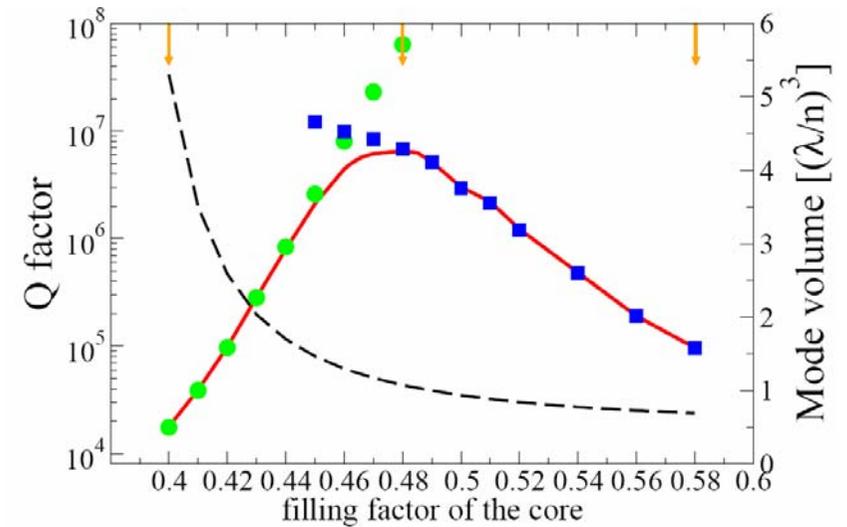
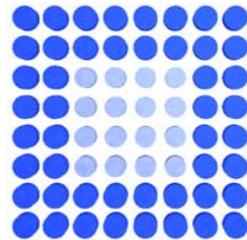
- CP 2D
- Membrane semicond.
- Modes lents

Confinement latéral de modes lents

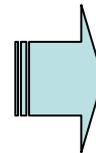
Trous:



Pilliers:



Contrôle:
 Q , V_m , "directivité"



- Microlasers à très faible seuil
- Bistables optiques
- Sources à photons uniques
- Non linéarités géantes