

Progress meeting

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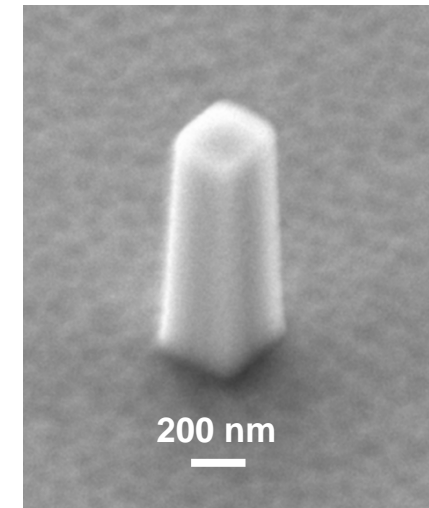
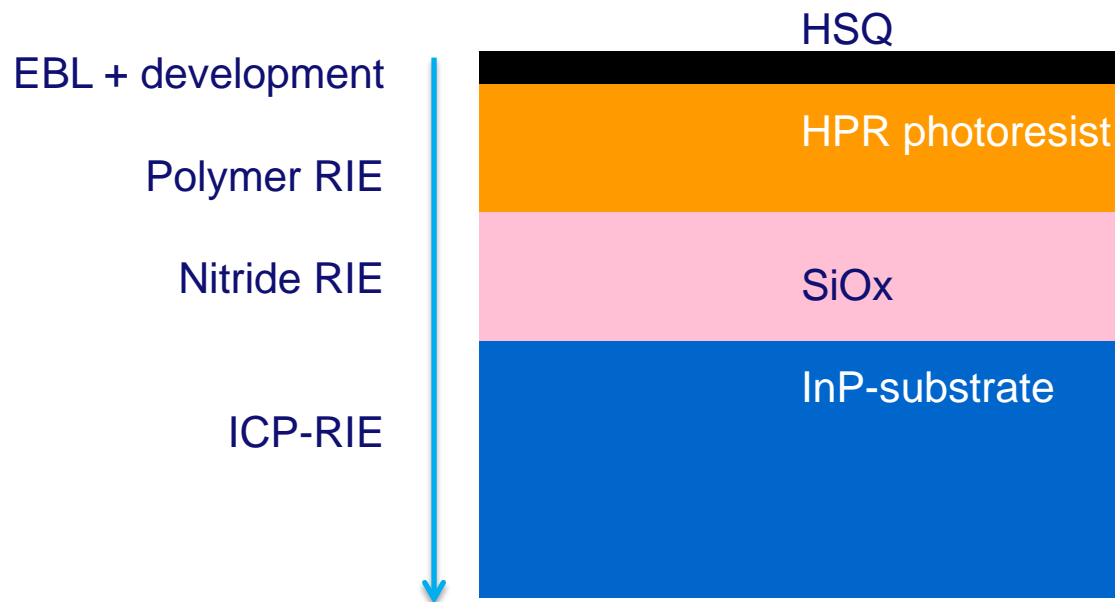
TU / **e**

Technische Universiteit
Eindhoven
University of Technology

Where innovation starts

Fabrication

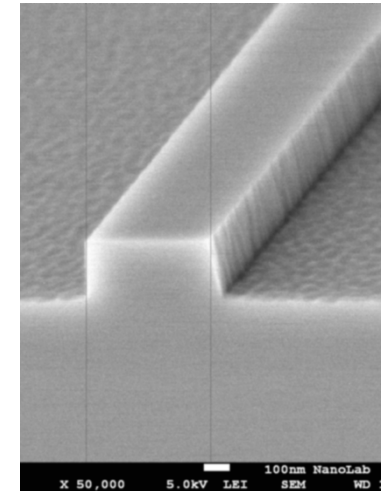
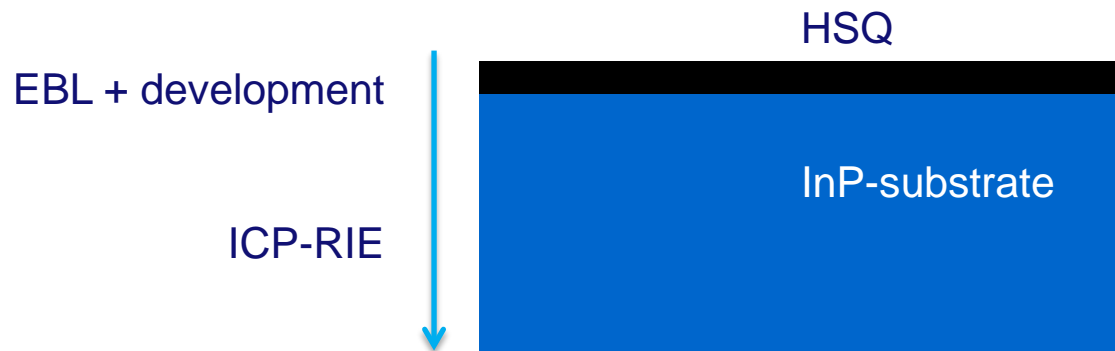
- Nanopillars



- No sidewall roughness
- High verticality is possible

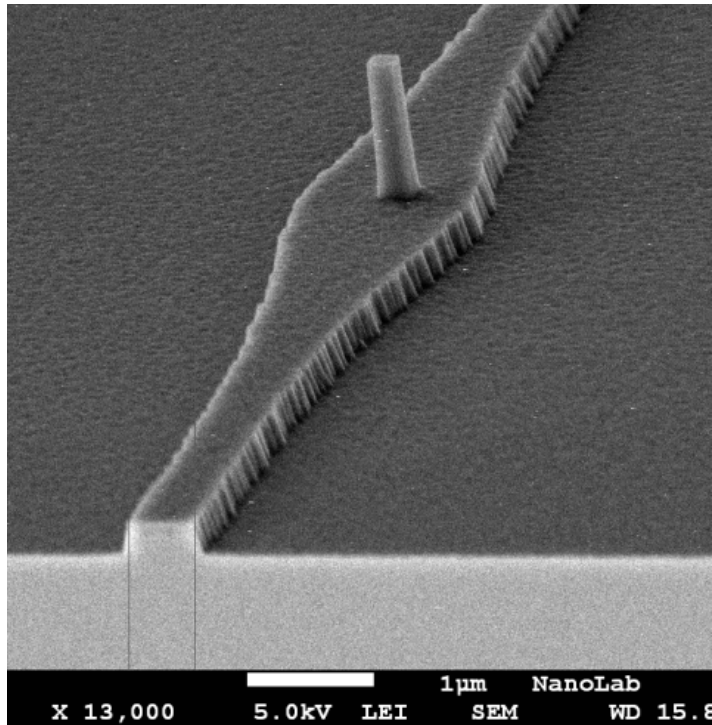
Fabrication

- Waveguides

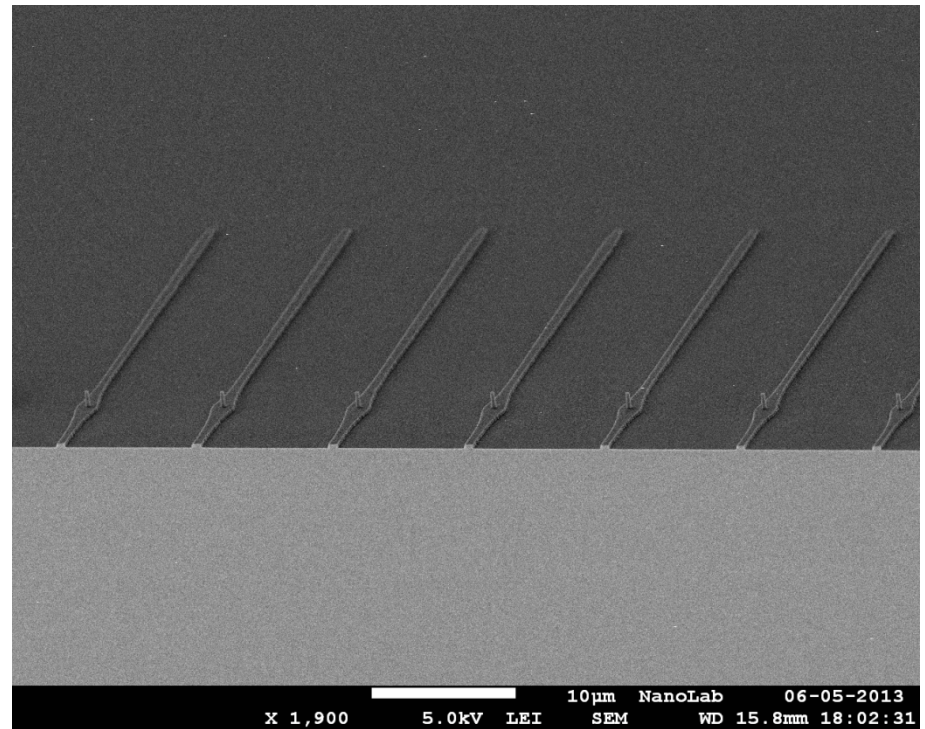


- No planarization needed
- No critical roughness

Pillar on waveguide (first results)



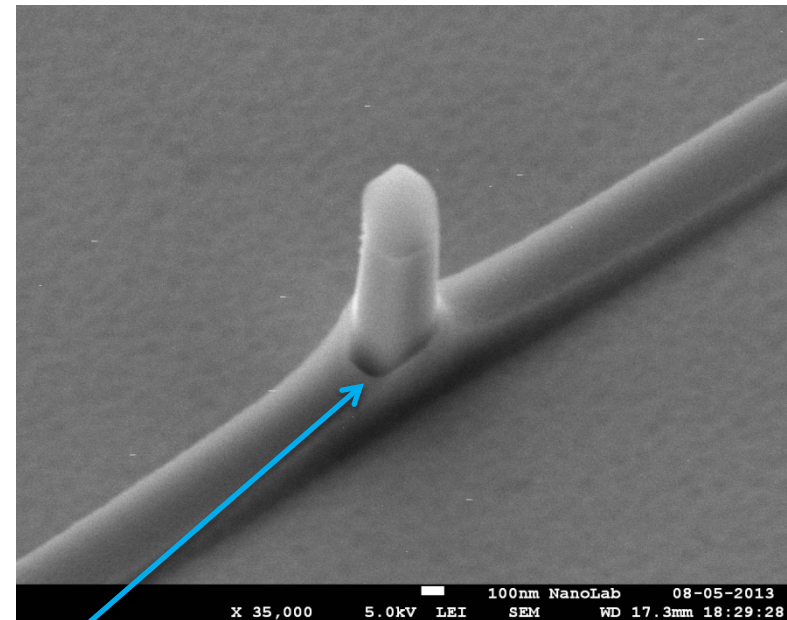
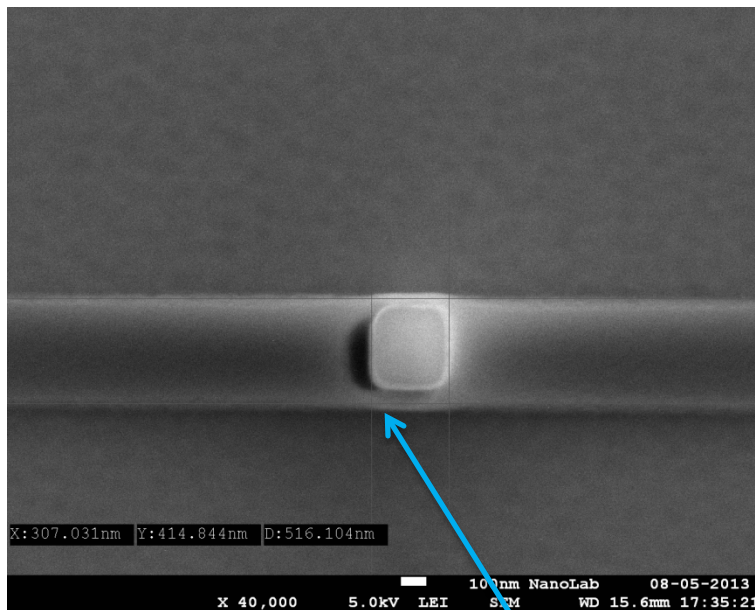
- High roughness
- Bump surrounding pillar



- Lasers array seems feasible from alignment point of view

Newest results

- Reduced roughness
- No bump surrounding pillar



New problem: Resist holes
(non-exposed region)

- M13: Initial characterization of unbounded plasmonic lasers

→ New proposed name: Characterization of initial fabrication results of plasmonic/metallic lasers