

Progress meeting

Victor Calzadilla, Dominik Heiss
Andrea Fiore, Meint Smit

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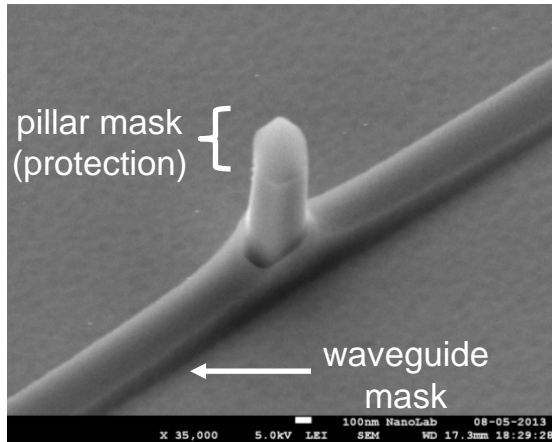


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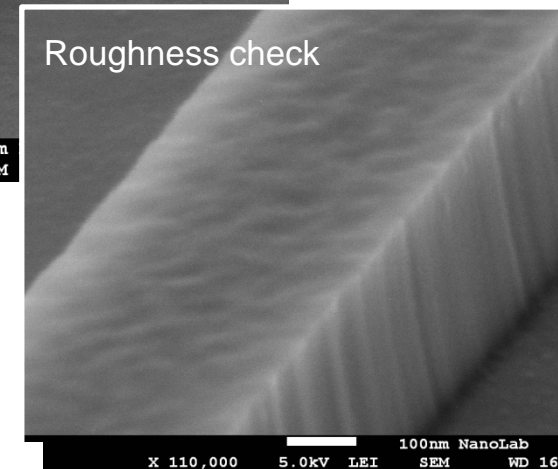
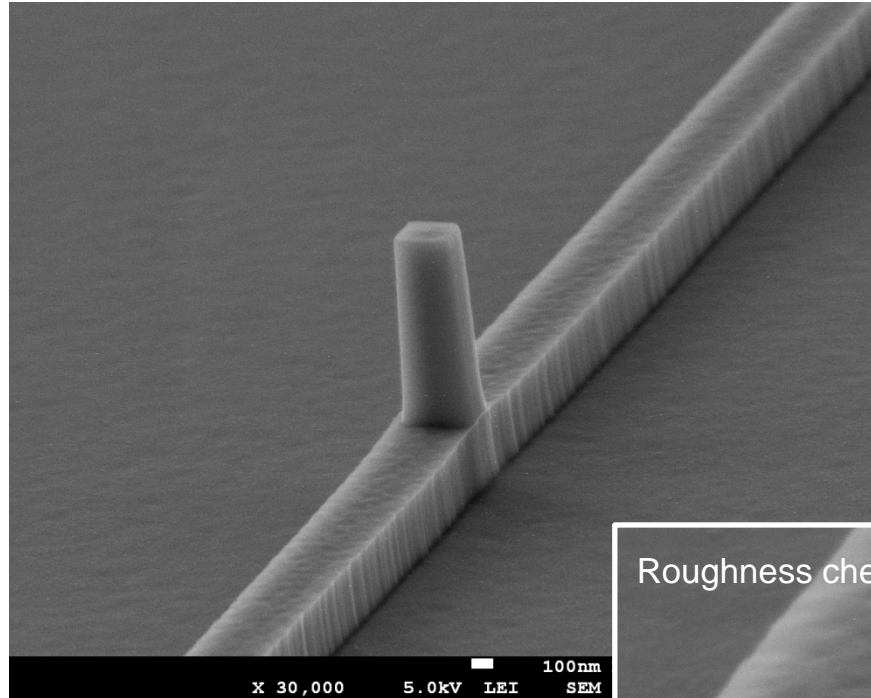
Technische Universiteit
Eindhoven
University of Technology

Where innovation starts

Nanopillar on waveguide structure was achieved

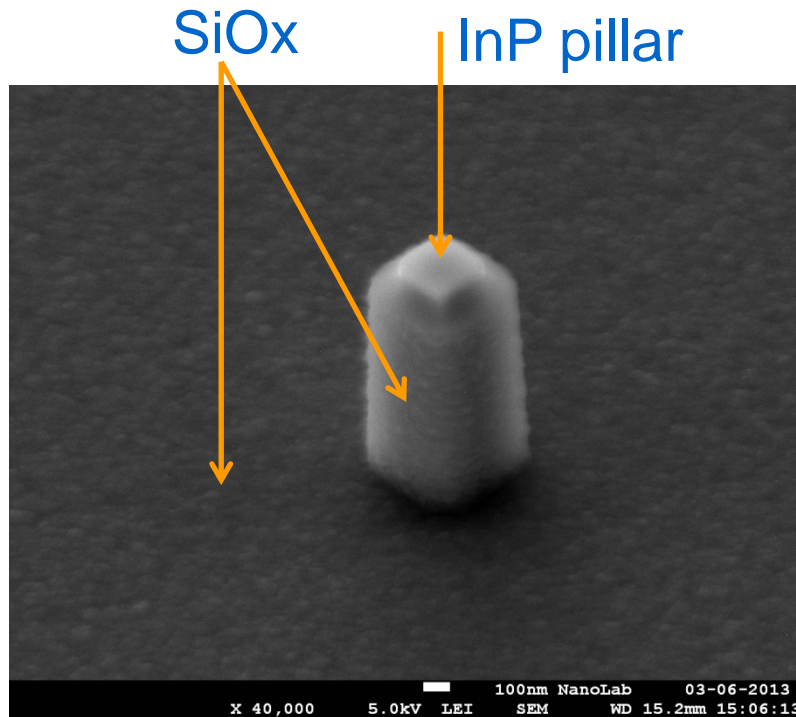


- Before etching the waveguide

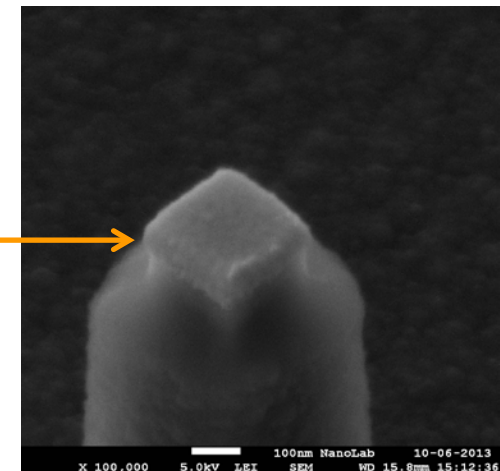


Planarization tests with photoresist

- Successful planarization testes were done. Planarization is needed to open the dielectric on top of pillar and to deposit contacts



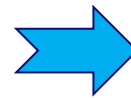
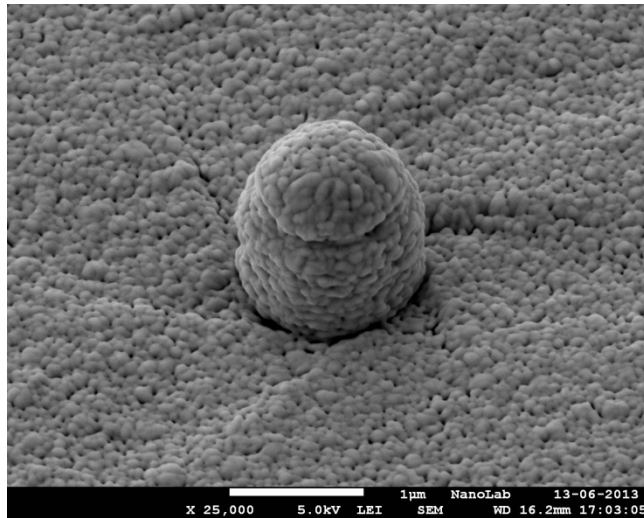
Contacts
(Ti/Pt/Au)



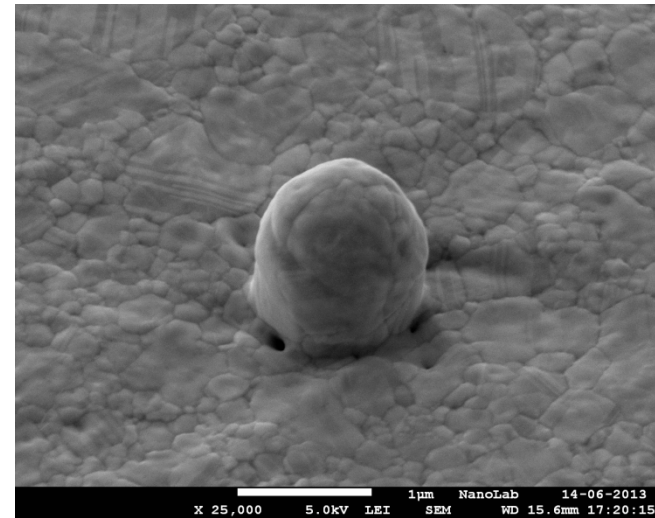
Silver deposition and annealing

- First Ag deposition on pillars and annealing done

After Ag deposition



After annealing



Other issues

- Received bonded wafer (III-V-Si) from IMEC
- Simulations on grating couplers done
- Next fabrication activities:
 - Fabrication of undercut (dry or wet?)
 - Fabrication of gratings
- D7.3 on dissemination and promotion activities “Mirror deliverable of 7.1, which will be available to the public on the website” is online.