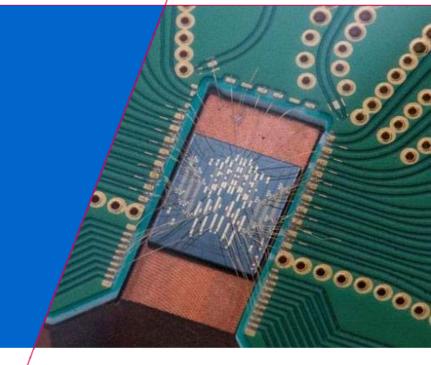
OpenPICs WP3 19th December 2016



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Where innovation starts

Agenda

WP 3.1 BB Design

- SSC adaptation from WIPE project
- Modulator design aimed for SP20 with SI-substrate
- Work on technology specifications for RF line in January
- DBR + DFB laser: specifications for technology needed

WP 3.3 BB Characterization

- Most up-to-date data on existing FoM measurements.
- Structures for SP19

WP 3.5 Demonstrator

WP 3.2 PDK Content

what belongs to PDK.

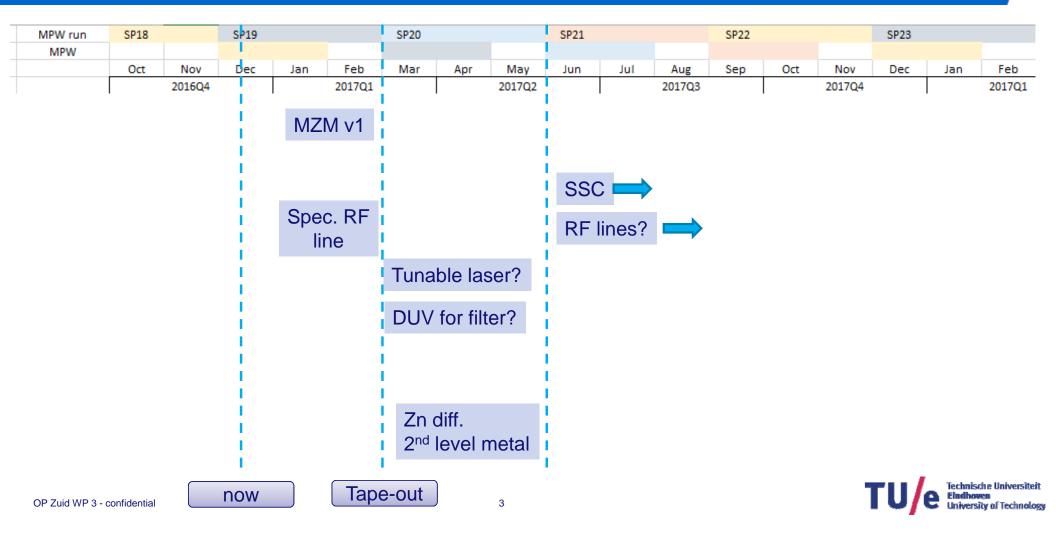
WP 3.4 Design Environment

- Design flow model/data model?
- Contact person from Phoenix
- Entering new BB into library

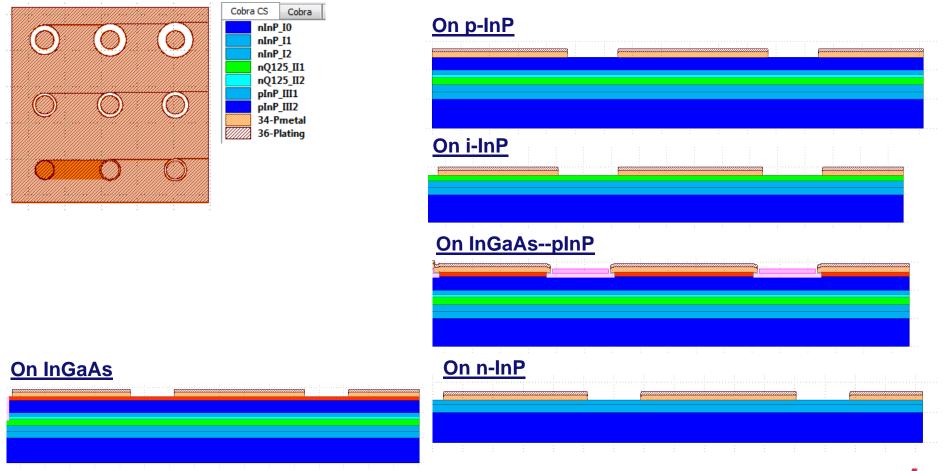


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WP 3.1 BB Design

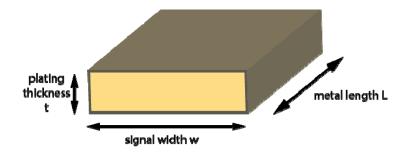


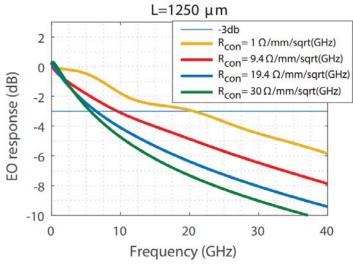
WP 3.3 BB Characterization – cTLM resistance measurement

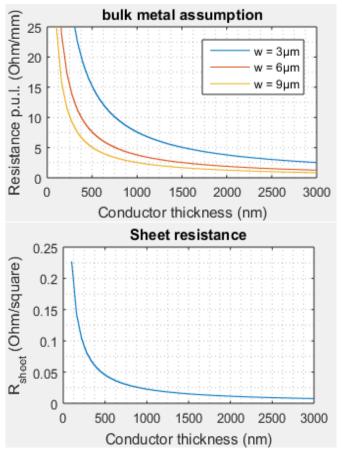


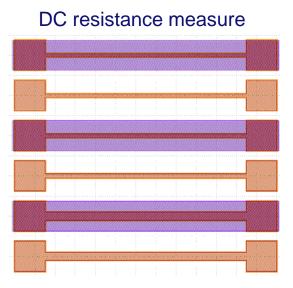
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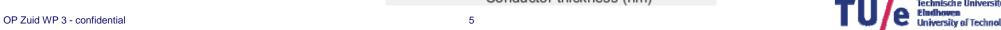
WP 3.3 BB Characterization – DC resistance for plating



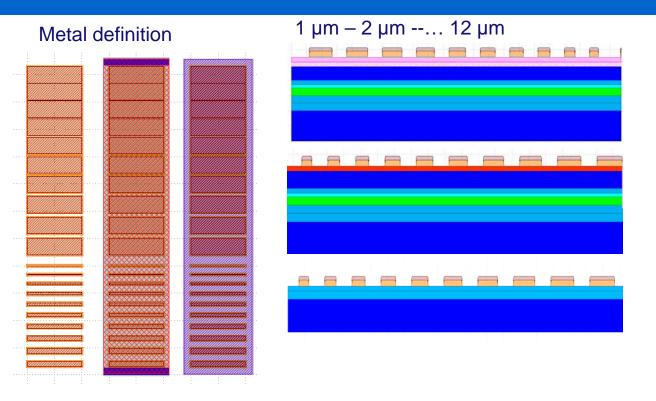








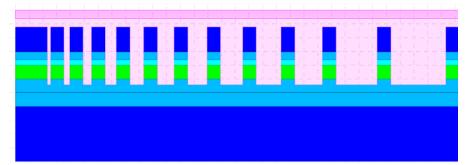
WP 3.3 BB Characterization – metal, recess resolutions



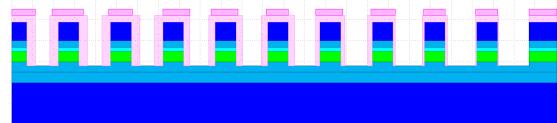


WP 3.3 BB Characterization – metal, recess resolutions

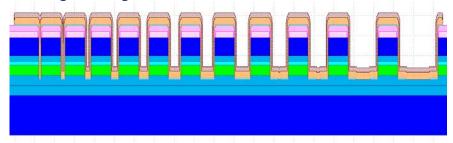
Deep and shallow trenches

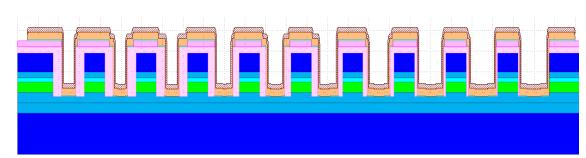






Plating through trenches







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