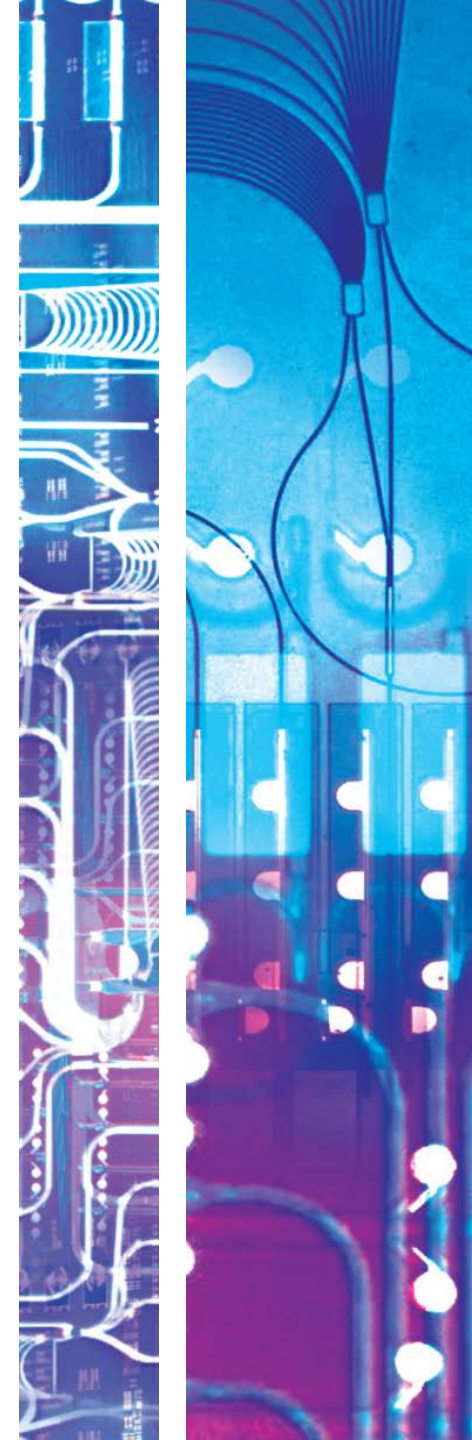


# OpenPICs WP3

## Agenda

### Part I (start 14:00)

1. Last meeting's action points
2. Progress and issues to be raised per partner
  - a. TU/e
  - b. Smart Photonics
  - c. Bright Photonics
  - d. Effect Photonics
  - e. Technobis
3. Summary



# Action points

Nr.	Description	Responsible
1.	<b>Zn Diffusion</b> Moved to WP4	
2.	<b>Modulator development</b> Mask layout creation of test structures and modulator geometries.	Weiming, April 1st
3.	<b>MPW Schedule</b> Planning of future MPW schedules and features to be introduced	Roel, Mar 27
4.	<b>DUV Workflow meeting</b> Get together and draft workflow for DUV reticle assembly from design tape-out	Erik, Weiming, Luc, Mar 27
5.	<b>State of the PDK report</b> List of BBs with their up-to-date FoMs and identify which are missing	Rui, asap
6.	<b>List of planned measurements from Bright</b> Create list detailing which measurements are intended for tunable laser tests	Valentina, 27 Mar
7.	<b>AWG specification on process</b> Get together to revise process requirements from the AWG component	Roel, Ronald, Weiming, Mar 27
8.	<b>Preparations for 1<sup>st</sup> project review</b> Communicate steps to partners towards 1 <sup>st</sup> project review	Kevin
9.	<b>BB Test cell design</b> Design BB test cell	Weiming, April 1st





**Report/Milestone (WP3.1.M1): Title**

**Authors: Max Mustermann**

<b>Due date:</b>	<i>MXX</i>
<b>Actual Submission Date:</b>	<i>MY</i>
<b>Lead Partner:</b>	<i>Partner1</i>
<b>Contributing Partners:</b>	<i>Partner2</i>

*Summary*

**Table of Contents**

Authors: Max Mustermann .....1

1. Introduction.....2

2. Section .....2

3. Conclusions.....2

OpenPICs

- 1. Introduction**
- 2. Section**
- 3. Conclusions**



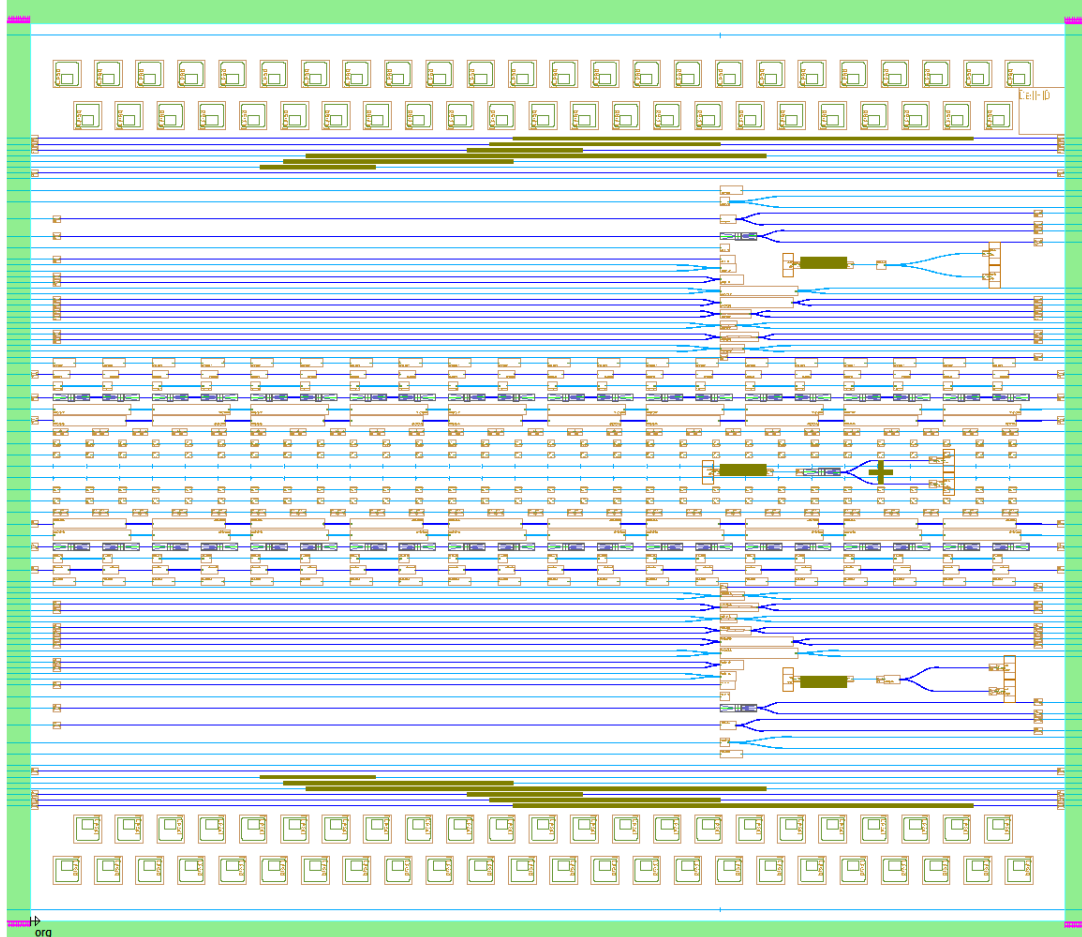
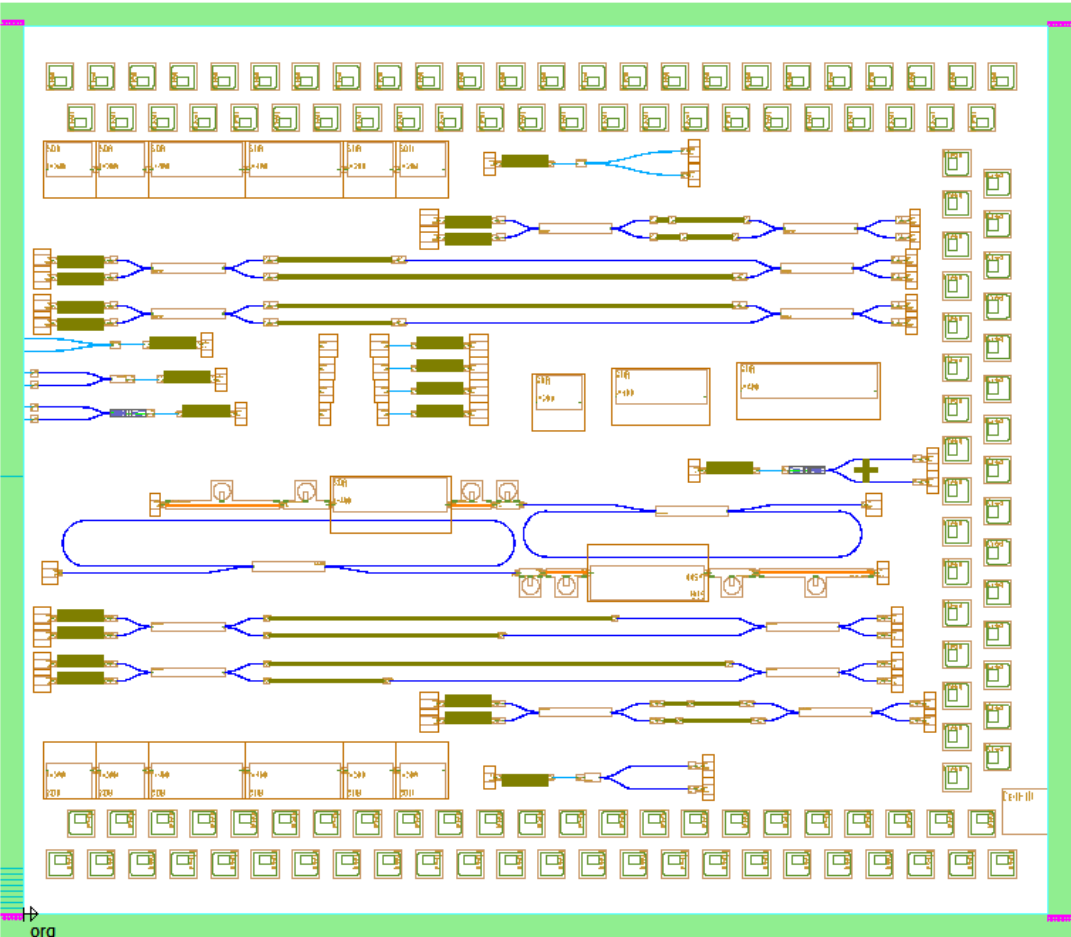
# Template



# Reporting

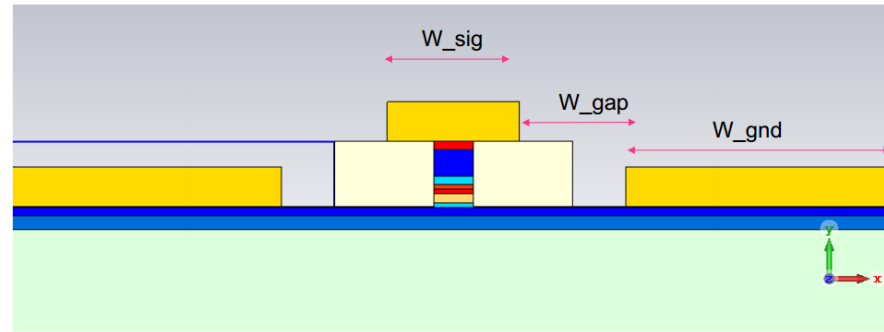
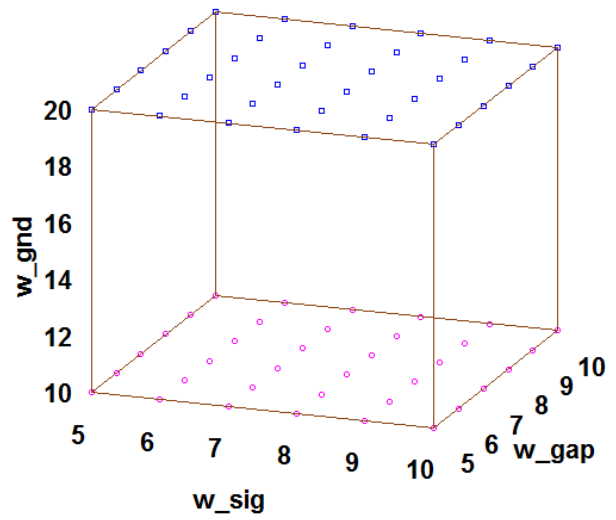
WP 3 number	BB Design Title	Type	Responsible	Due date
WP3.1.M0	Technology and Design Concept	Milestone	Ronald, Weiming	Dec-16
WP3.1.R0	Analysis and Design	Report	Ronald, Weiming	Jun-17
WP3.1.M1	Mask Design Tape-out I	Milestone	Ronald, Weiming	Jun-17
WP3.2.M0	State of the PDK	Milestone	Rui	Dec-16
WP3.2.M1	Definition of basic BB figure of merits	Milestone	Rui	Mar-17
WP3.2.M2	Definition of composite BB FoM	Milestone	Weiming	Mar-17
WP3.2.R0	Definition of measurement procedures	report	Weiming	Jun-17
WP3.3.R0	Design of Standard MPW BB test cell	report	Weiming	Mar-17
WP3.3.M0	Report on standard MPW BB cell results	Milestone	Rui	Every MPW
WP3.4.DF1	Design Flow document version 0	Report	Marcel	Mar-17
WP3.4.EF1	Execution Flow document version 0	Report	Marcel	May-17
WP3.4.PDA1	Development of PDAflow template version 0	Milestone	Marcel	Mar-17
WP3.4.PDA2	Full documentation of template version 0	Report	Marcel	Mar-17
WP3.4.PDA3	Implementation of first building block	Milestone	Marcel	Apr-17
WP3.4.DRC1	DRC requirement report	Report	Xaveer	May-17
WP3.5.R0	400G Transmitter concept	report	Saeed	Mar-17
WP3.5.R1	Fiber sensing chip concept	report	Pim	Mar-17

# BB Test Cell

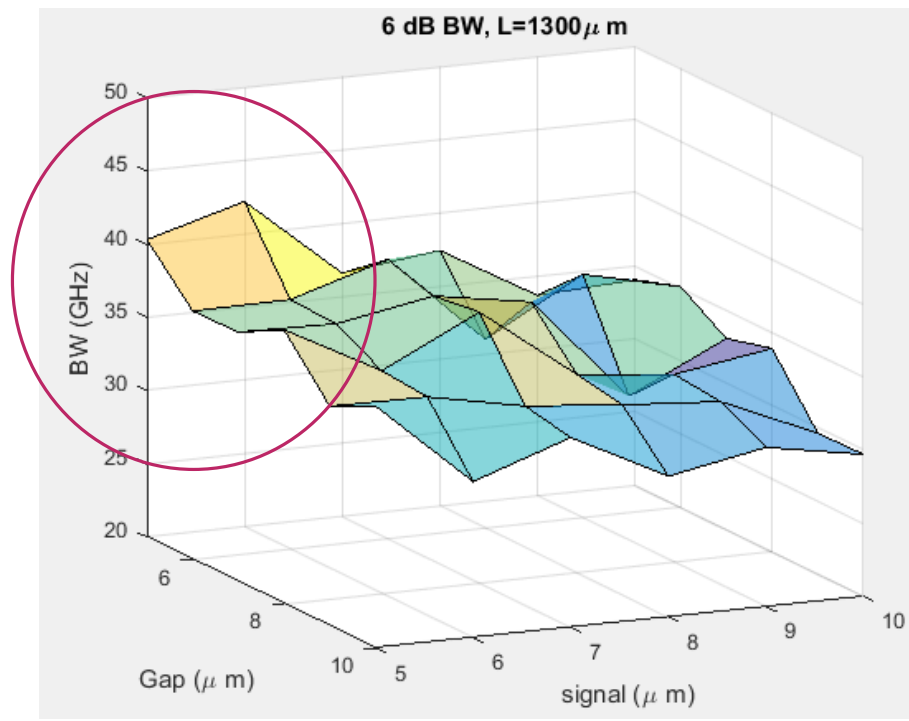


# Modulator

$W_{\text{gnd}} = 10 \mu\text{m}, 20 \mu\text{m}$   
36 point scan

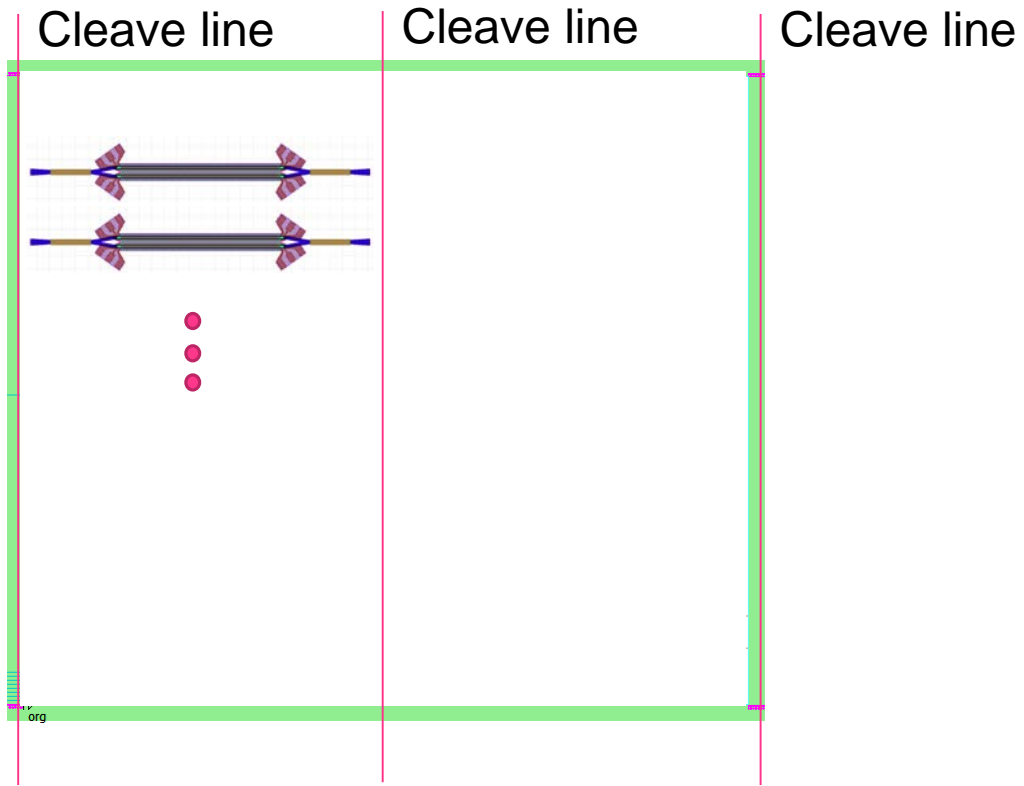
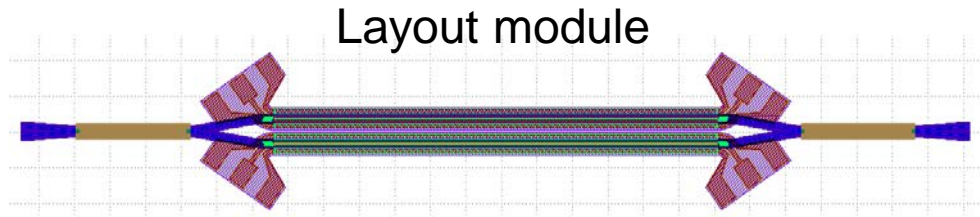


$W_{\text{gnd}} = 10 \mu\text{m}$



# Modulator

Data on Length vs Vpi

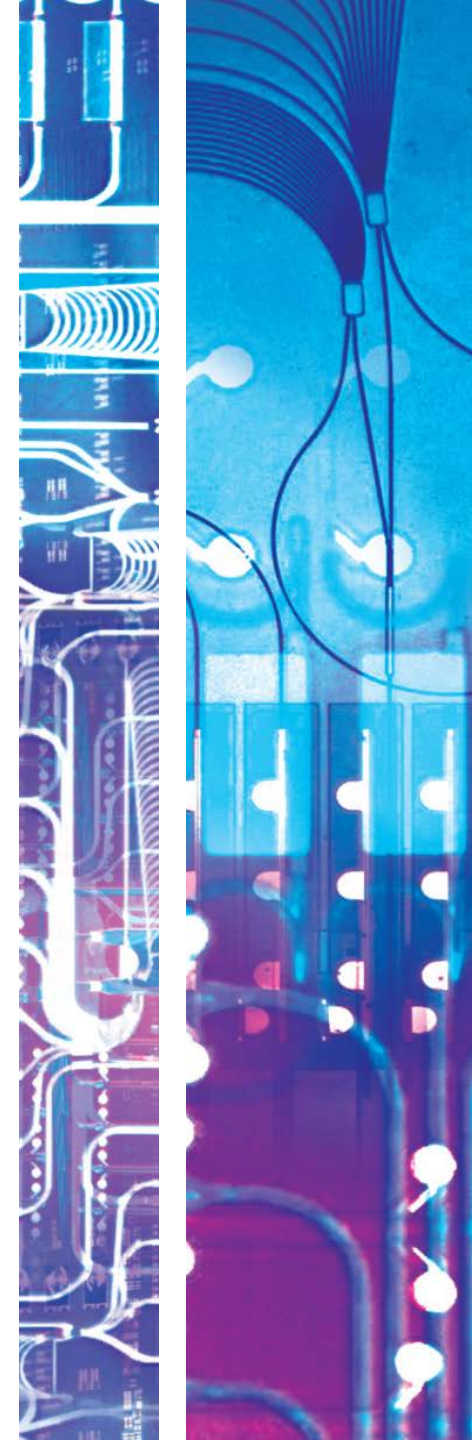


# OpenPICs WP3

## Agenda

Part II (start 15:00)

1. Last meeting's action points
2. Progress and issues to be raised per partner
  - a. TU/e
  - c. Bright Photonics
  - d. Phoenix
3. Summary





WP3.4.DF1	Design Flow document version 0	Report	Marcel	Mar-17
WP3.4.EF1	Execution Flow document version 0	Report	Marcel	May-17
WP3.4.PDA1	Development of PDAflow template version 0	Milestone	Marcel	Mar-17
WP3.4.PDA2	Full documentation of template version 0	Report	Marcel	Mar-17
WP3.4.PDA3	Implementation of first building block	Milestone	Marcel	Apr-17
WP3.4.DRC1	DRC requirement report	Report	Xaveer	May-17



