

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

Nr.	Description	Responsible
1.	Planning WP3 Revised and agreed on WP3 plan and its relation to MPW runs	
2.	Milestones and Reports Complete due milestones/reports, complete list of criteria, complete 1 page summary	By June, 1
3.	BB Test cell – wafer prober Define measurement procedures for test structures and align that with wafer prober setup from Smart.	Weiming, Erik, Rui

Chips WP3

MPW parallel chips

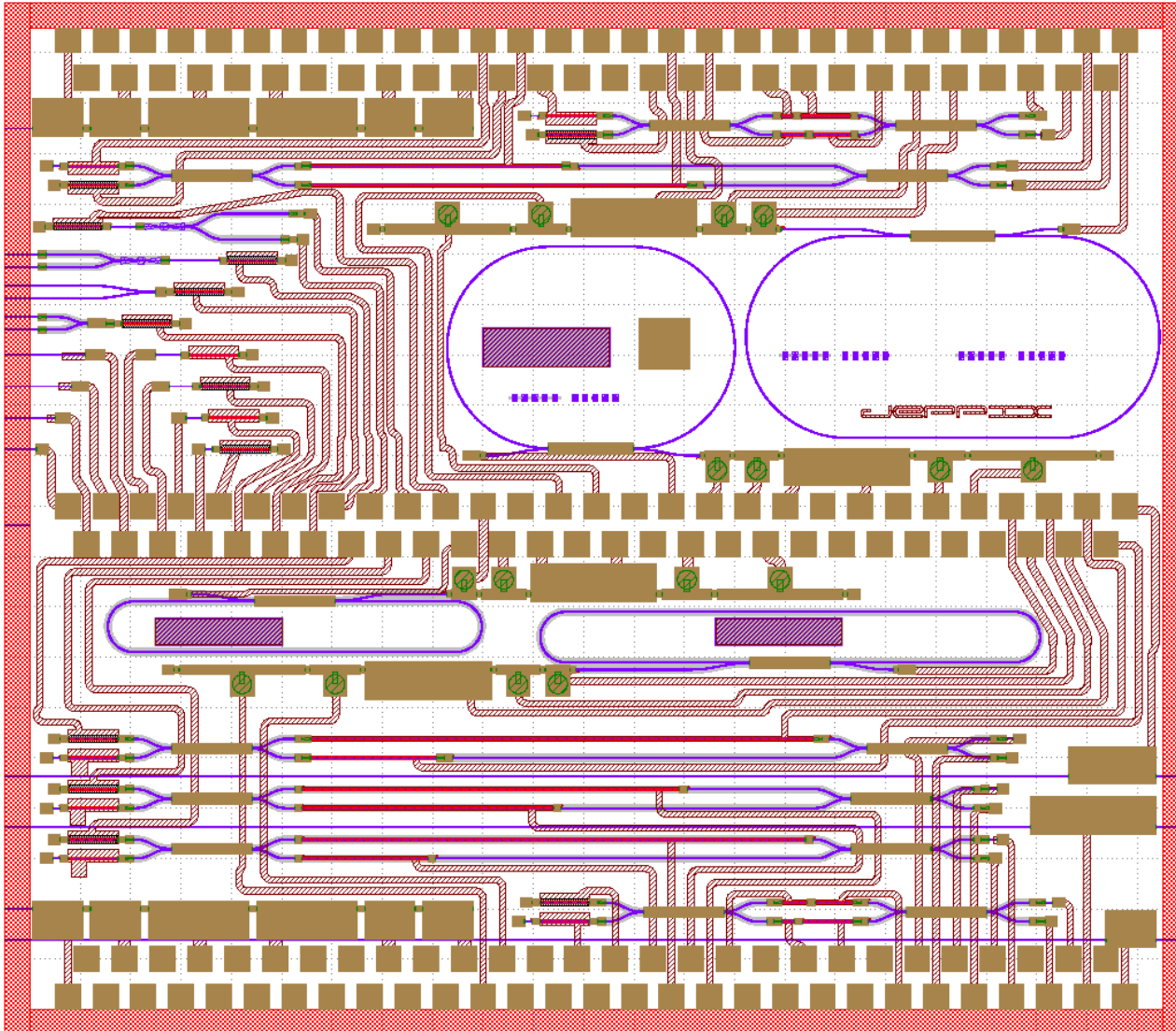
MPW commercial chips

(x) = reserve space for design

		SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30
		Dec-16	Mar-17	Jun-17	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19
Modulator			1st					2nd			3rd		
	Plating chip + parameter extraction	x		x		x		x					
	Modulator chip (Effect+SI+plating)			x	x	x	x	→WP2					
	Al-MQW parallel wafer							x	x	x	x	→WP2	
	CL-TWE chip										x	x	x
RF Line	Conventional design				x	x	x			x	x	x	
	2 nd level metal RF line				x	x	x	x	x				
BB test cell	Wafer level test		x	x	x	x	x	x	x	x	x	x	x
	Die level test		x	x	x	x	x	x	x	x	x	x	x
	Composite BBs				x								
Prec. Filter	(ring, AWG, MZI)			?			?			?			
Low LW LD													
	DBR laser			x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)	x (subcell)
	Triplex Hybrid				x								
	High Q cavity laser									?			
Demo	both chips								x				

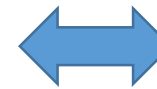
List of Milestones

Item ID	Title	Type	Partner	Responsible	due time	1 page summary	full item
WP3.1.M0	Technology and Design Concept	Milestone	TU/e	Weiming	● Dec-16	ready	ready
WP3.1.R0	Analysis and Design	Report	TU/e	Weiming	● Jun-17	ready	not ready
WP3.1.M1	Mask Design Tape-out I	Milestone	TU/e	Weiming	● Jun-17	ready	not ready
WP3.2.M2	Definition of composite BB FoM	Milestone	TU/e	Weiming	● Mar-17	ready	ready
WP3.2.R0	Definition of measurement procedures	Report	TU/e	Weiming	● Jun-17	ready	not ready
WP3.3.R0	Design of Standard MPW BB test cell	Report	SMART	Weiming	● Mar-17	ready	ready
WP3.2.M0	State of the PDK	Milestone	SMART	Rui	● Dec-16	ready	ready
WP3.2.M1	Definition of basic BB figure of merits	Milestone	SMART	Rui	● Mar-17	ready	ready
WP3.4.DF.R0	Design Flow document	Report	Phoenix	Marcel	● Mar-17	not ready	not ready
WP3.4.DF.R1	Improvement points	Report	Phoenix	Marcel	● Apr-17	not ready	not ready
WP3.4.PDA.M0	Development of PDAflow template	Milestone	Phoenix	Marcel	● Mar-17	not ready	not ready
WP3.4.PDA.M1	Implementation of first building block	Milestone	Phoenix	Marcel	● Apr-17	not ready	not ready
WP3.4.PDA.R0	Full documentation of template	Report	Phoenix	Marcel	● Mar-17	not ready	not ready
WP3.4.DRC.R0	DRC requirement report	Report	Phoenix	Marcel	● May-17	not ready	not ready
WP3.1.M0	Technology and Design Concept	Milestone	Bright	Ronald	● Dec-16	not ready	not ready
WP3.1.R0	Analysis and Design	Report	Bright	Ronald	● Jun-17	not ready	not ready
WP3.1.M1	Mask Design Tape-out I	Milestone	Bright	Ronald	● Jun-17	not ready	not ready
WP3.4.EF.R0	Execution Flow document	Report	Bright	Ronald	● May-17	not ready	not ready
WP3.5.R0	400G Transmitter concept	Report	EFFECT	Saeed	● Mar-17	ready	not ready
WP3.5.R1	Fiber sensing chip concept	Report	Technobis	Pim	● Mar-17	ready	not ready



- Standardized naming convention
- Compatibility for packaging
- Compatibility for automated reading (markup language)

Functional structure
oriented description



Structure agnostic
description

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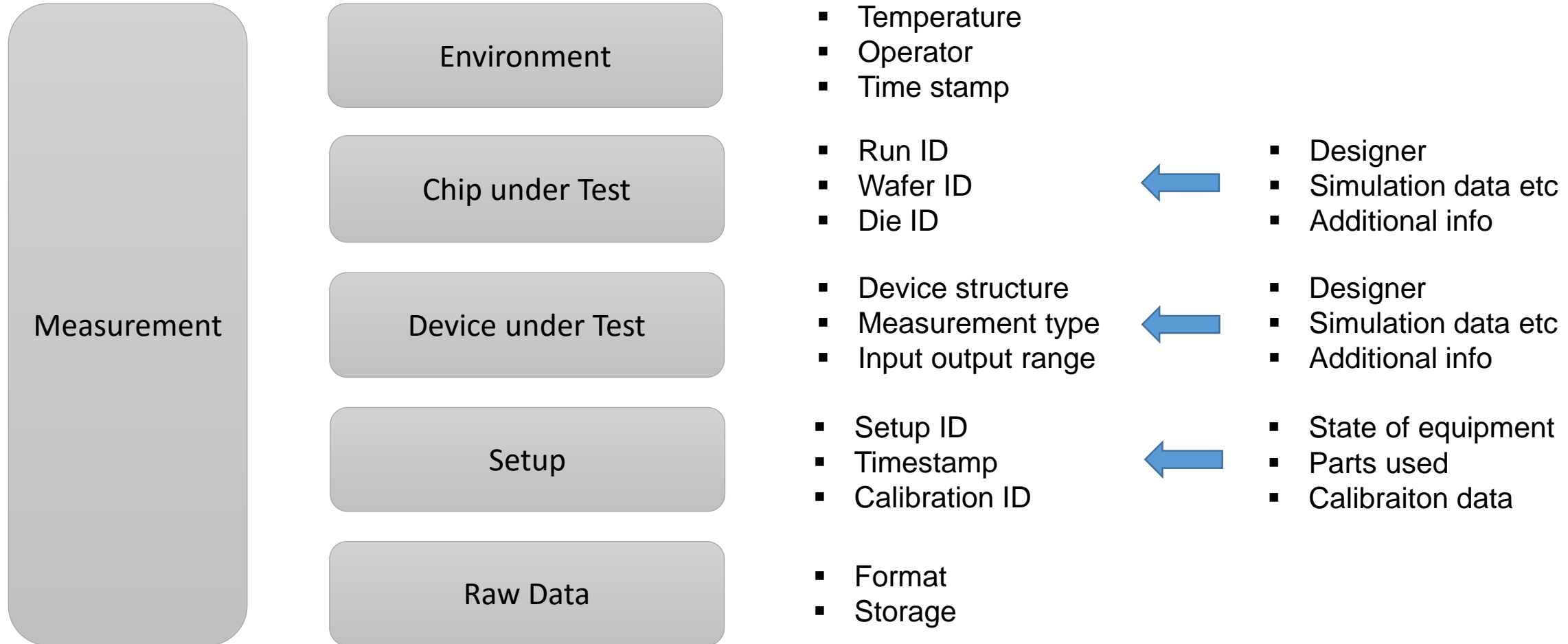
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Summer Schedule

Agenda - Part II (start 15:00)

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2. Progress and issues to be raised per partner
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 - d. Phoenix
3. Summary

- Common interfaces for transfer of data sets
- TU/e: need for efficient storage and correlation of measurement data
- Smart: MESS system adoption, ownership and access rights
- Bright: access to data for more efficient design, collect list of queries
- Phoenix: elaborated on relations in a measurement database



Summer Schedule