Minutes from OpenPICs WP 3 meeting 27-02-2017

Part I (14:00-15:00): Weiming (chairing), Longfei, Saeed, Ronald, Rui, Rob (Smart), Steven (Smart), Meint, Pim, Huub

Discussion/action points

Nr.	Description	Responsible
1.	**Zn Diffusion** Experiments for diffusion testing will be performed soon and the Smart needs to provide one of the tested wafers asap.	Rui
2.	**Modulator development** Further communication on the exact dimensions of the modulator cross section is needed before SP20. The goal is to align all partners and have technical coherence and avoid errors. Simulations will be performed to synthesize series of geometries for SP20.	Rui, Saeed, Weiming
3.	**RF lines** More detailed tolerance simulations to generate specifications to WP2 are targeted after SP20.	Weiming
4.	**Tunable Laser Development** Bright is continuing work on grating and DBR laser design for SP20.	Valentina
5.	**MPW Schedule and its featues (unchanged from last meeting)** Schedule of MPW runs and the planned features per run is needed. Information on MPW cell area assignment for SP20 in openPICs is requested.	Rui, Roel
6.	**BB Test Cell** BB Test cell pad placement is fixed and aligned to PixApp project and PCM modules pad layout. Design of test structures ongoing.	Erik/Rui, Weiming
7	**AWG test module** Ronald will design an AWG that is a compact test vehicle for AWG figure of merits such as phase error, crosstalk, center wavelength etc.	Ronald
8	**IP Issue** Regulation on project outcome needs to be found in form of consortium agreement.	Photon Delta
9	**Al-MQW SOAs** Activities on Al containing MQWs are put on low priority due to focus on other activities mentioned above.	

Part II (15:15-15:40): Weiming (chairing), Xaveer, Ronald, Marcel, Meint

Discussion/action points

Nr.	Description	Responsible
1.	**State of PDAFlow** Ronald and Xaveer discuss the advantages and problems of PDAFlow. Tools such as VPI Photonics and ASPIC might have experienced difficulties interfacing with PDAFlow.	
2.	**Bright's Data Model** Ronald describes conceptually what a data model should incorporate and how it can store data and content for all actors in the design workflow. Bright photonics is working towards creating such a model. Phoenix requires description on how this data model can interface with PDAFlow.	Ronald, Marcel
4.	**Milestones Planning (unchanged from last meeting)** Based on list of existing milestones in WP3.4 Phoenix will draft a more detailed planning involving subtasks and corresponding time frames. That will be first internally discussed in Phoenix and circulated to project partners afterwards.	Marcel, Remco
5.	**State of design workflow** Phoenix will soon circulate a draft for design workflow around that includes the procedure from conceptualization, simulation, design to mask assembly and fabrication.	Marcel, Remco

Next meeting: Part I 14:00-15:00, Part II 15:00-15:30, 13-03-2017, Flux 10.177