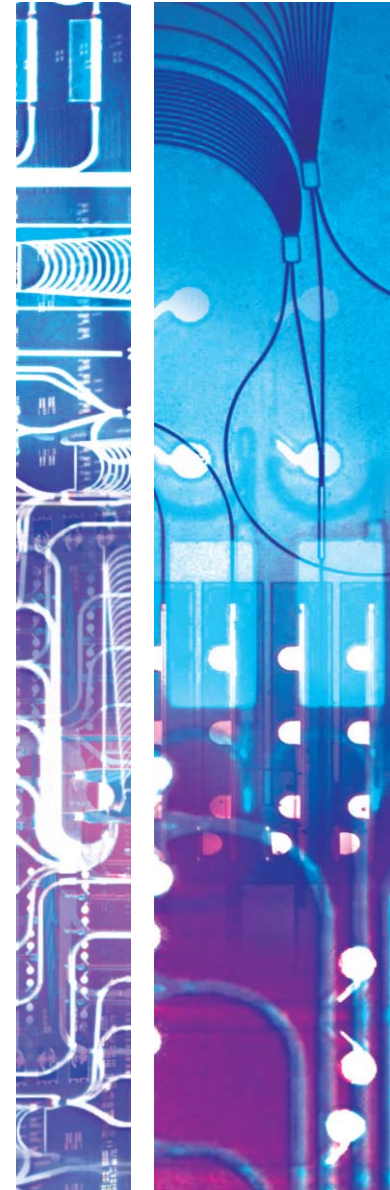


OpenPICs WP3

Planning revised

VERPPIX



Modulator and SSC



Activities	MPW schedule											
	2016	2017				2018				2019		
	SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30
Modulator 20 GHz (TU/e)												
Modulator 40 GHz (TU/e)												
Modulator 80 GHz (TU/e)												
Modulator AI-MQW (TU/e)		design	WP4									
Laser AI-MQW (TU/e)		design	WP4									
SSC (Smart)				?								
SSC improvement (TU/e)												
Plating (Smart)	test	test	test	release								
SI substrate (Smart)		test	test	test	release							

RF lines + low loss WG



Activities	MPW schedule											
	2016	2017				2018				2019		
	SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30
RF lines design specs												
RF lines test mask for WP4												
RF lines benchmark												
Low loss WG benchmark design												
Integration into MPW												

Tunable laser + filter



Activities	MPW schedule											
	2016	2017				2018				2019		
	SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30
DBR available	Yellow	Yellow	Yellow	Green								
Tunable Laser Design I		Yellow	Yellow	Yellow	Green							
Tunable Laser Design II						Yellow	Yellow	Yellow	Green			
DUV available for WG		?	Yellow	Yellow	Green							
Filter design I		Yellow	Yellow	Yellow	Green							

BB Characterization



Activities	MPW schedule											
	2016	2017				2018				2019		
	SP19	SP20	SP21	SP22	SP23	SP24	SP25	SP26	SP27	SP28	SP29	SP30
BB test cell												
BB test procedures												
Composite BB test cell												
Composite BB test procedures												

Main focus until SP20

- BB test cell design + testing methodology
- Modulator design -> specification synthesis
- AI-MQW design (EO and active)
- RF lines specification synthesis

