Photonics 2 Session Chair: Schneider

Focus

						Paper
Speaker	Author	Title	Phone Number	e-mail	Company	leceived
1	Ming Wu	UCLA RF Photonics MURI Summary	310-825-6859	wu@ee.ucla.edu	UCLA	
2	Kelvin Wagner	UC RF Photonics MURI Summary	303-492-4661	kelvin@colorado.edu	Univ of Colorado	83
3	Dan Blumenthal	UCSB MOST MURI Summary	805-893-4168		UCSB	84
4	Larry Dalton	Rational design of organic electrooptical materials	206-543-1686	dalton@chem.washington.edu	Univ of Washingto	r 23
5	Susan Ermer	Polymer Modulators	650-424-3131		Lockheed Martin	86
6	Jim Grote	Conductive Clading Materials for nonlinear			AFRL	40
	Optic Polymer Based Devices 7 Sagi Mathai A Novel Balanced Electroabsorption Downconverting Mixer Receiver					
7					UCLA	87
8	Bahram Jalali	Arbitrary Waveform Generator			UCLA	28

Breakout

Analog photonics offers the prospect of enhanced performance for the most demanding RF system applications, such as adaptive beamforming, advanced waveform generation, detection and processing, as well as EMC/EMI free transport of broadband signals. This session will report on the progress of three government sponsored Multiple University Reseasrch Initiatives (MURIs) in photonics as well as research on other devices that support the vision of photonics insertion in the front end of high performance RF systems.