

# COLLEGE OF OPTICS AND PHOTONICS: CREOL & FPCE

## Industrial Affiliates Day – Friday April 1, 2005

### **“Optics & Photonics – Envisioning the Future”**

– Projecting Today’s Research Into Tomorrow’s Applications –

### Morning Session – Cape Florida Room 3<sup>rd</sup> Floor, UCF Student Union

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>	<u>Affiliation</u>
8:30	Continental breakfast & walk-in registrations.		
9:00	Welcoming remarks	Dr. John Hitt Dr. MJ Soileau Dr. Eric Van Stryland	President, UCF VP for Research, UCF Dean, COP
9:15	<b>“DARPA's Role: Bridging the Gap, Powered by Ideas”</b>	Dr. C. Martin Stickley	Program Manager, Microsystems Technology Office (MTO) DARPA
9:45	<b>“Optics &amp; Photonics in Manufacturing...”</b>	Dr. Bruce Craig	VP and General Manager, Laser Division, Newport Spectra-Physics
10:15	<b>BREAK</b>		
10:45	<b>“Lasers and Cold Atoms for Clocks of the Future”</b>	Dr. Leo Hollberg	Research Scientist, NIST Boulder Laboratories, Time & Frequency Division
11:15	<b>“Emerging Biophotonic Technologies in the Diagnosis and Treatment of Diseases”</b>	Dr. Philip Chen	President, Cognoscenti Health Institute
11:45	<b>“Silicon Photonics: Opportunity, Applications &amp; Recent Results.”</b>	Dr. Mario Paniccia	Director, Photonics Technology Lab, Intel Corp.
12:15	Formal recognition of formation of College of Optics and Photonics	Dr. Terry Hickey	UCF Provost
12:30	<b>LUNCH</b>		UCF Student Union

### Afternoon Session – College of Optics and Photonics: CREOL & FPCE

#### **Exhibits open in CREOL Lobby**

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>	<u>Affiliation</u>
1:15	Walk to CREOL building		
1:30	<b>“Terahertz/Millimeter-wave Sensors &amp; Systems - A New Frontier for Optics &amp; Photonics”</b>	Dr. Glenn Boreman	Trustee Chair Professor of Optics, EE, and Physics; College of Optics and Photonics: CREOL & FPCE
2:00	COP: CREOL & FPCE – an overview	Dr. Eric Van Stryland	Dean, College of Optics and Photonics: CREOL & FPCE
2:40	Student of the Year - Presentation	Mr. Jeremy Ellis	College of Optics and Photonics: CREOL & FPCE
3:00	Poster session & Lab tours	CAOS Students	College of Optics and Photonics: CREOL & FPCE
5:00	Reception & Award presentations	Dr. Eric Van Stryland	College of Optics and Photonics: CREOL & FPCE
6:00	Program completion		