

AGENDA

Big Light Workshop IV

Tallahassee, Florida

May 23-24, 2007

Wednesday May 23

8:00-8:30 Breakfast

8:30-8:35 Greg Boebinger to introduce Vice President of Research

8:35-8:40 VP of Research, Kirby Kemper

8:40-9:00 Greg Boebinger

Session I: Planned Facilities B101

Chair: Greg Boebinger

9:00-9:25 John Singleton

LANL

Vision

9:25-9:55 Glenn Edwards

Duke University

FEL & Biological
Science

9:55-10:15 Discussion

10:15-10:30 Break

Session II: Fast Kinetics and Fluorescent Proteins

Chair: Glenn Edwards

10:30-11:00 Bill Gabella

Vanderbilt

FEL

11:00-11:30 Jim Allen

UCSB

Applications

11:30-12:00 Discussion

12:00-2:00 Lunch

Session III: Design Parameters & Magnets

Chair: John Singleton

2:00-2:30 Mark Bird

NHMFL

Scattering Magnet
Development at the NHMFL
Design Parameters

2:30-3:00 Gwyn Williams

Jefferson Lab

3:00-3:30 Discussion

3:30-4:00 Break

Session IV: High Frequency Resonance

Chair: Hans van Tol

4:00-4:30 Jack Freed

Cornell

Pulsed EMR

4:30-4:55 Hans van Tol

NHMFL

Current and
Future EMR at NHMFL
Nuclear Polarization

4:55-5:20 Louis-Claude Brunel

NHMFL

5:20-5:35 Discussion

6:00 Dinner

Page 2

Thursday, May 24

8:00-8:30 Breakfast

Session V: Multidimensional IR

Chair: Naresh Dalal

8:30-8:55	Igor Rubtsov	Tulane	2 Dimensional IR
8:55-9:20	Clemens Burda	Case Western	Chemical Application

9:20-9:40 Discussion

9:40-10:00 Break

Session VI: Multiphoton IR and FTICR

Chair: John Eyler

10:00-10:25	Nick Polfer	F.O.M (FELIX)	
-------------	-------------	---------------	--

10:25-10:50	Joel Lemaire	C.L.I.O	
-------------	--------------	---------	--

10:50-11:15 Discussion

11:15-11:40	Mary Rodgers	Wayne State	Infrared Multiphoton Dissociation Spectroscopy: Probing the Tautomeric States of Protonated and Alkali Metalated Heterocycles
-------------	--------------	-------------	---

11:40-12:05	Rob Dunbar	Case Western	
-------------	------------	--------------	--

12:05-12:20 Discussion

12:20-1:40 Lunch

1:40-2:05	Greg Groenwold	I.N.E.E.L.	
-----------	----------------	------------	--

2:05-2:30	Brad Bendiak	Univ. of Colorado	
-----------	--------------	-------------------	--

2:30-2:40	John Eyler	Univ. of Florida	Wrap Up and Discussion
-----------	------------	------------------	------------------------

2:40- 3:00 Break

Session VII: Imaging

Chair: Mike Davidson

3:00 -3:25	Mike Davidson	NHMFL	Imaging THZ Radiation
------------	---------------	-------	--------------------------

3:25-3:50 Olympus

3:50-4:00 Discussion

4:00-4:10	John Singleton		Wrap Up
-----------	----------------	--	---------