

*MIIPS*TM Workshop

May 22-24, 2009
Program

All talks will take place in the BPS Building Room 1425. Hands-on Sessions will be held in either Room 47 or Room 50 of the Chemistry Building, according to group assignments

Friday, May 22

- 5:00 – 7:00 pm Registration and Dinner – BPS Building Courtyard
- 7:00 – 8:00 pm **Professor Marcos Dantus**, Towards Building a Universal Laser Source: Ultrashort shaped pulses can be used to cause excitation anywhere in the electromagnetic spectrum Room 1425 BPS
- 8:00 – 9:00 pm **Dr. Igor Pastirk**, Introduction to Pulse Shaping Room 1425 BPS

Saturday, May 23

- 8:00 – 8:40 am Breakfast at hotel, shuttle to MSU
- 9:00 -10:00 am **Yves Coello**, Multiphoton Intrapulse Interference, and Its Relation to Coherent Control Room 1425 BPS
- 10:00 – 10:15 am Coffee Break, Atrium
- 10:15 -11:15 am **Bingwei Xu**, Pulse Characterization and Multiphoton Intrapulse Interference Phase Scan (MIIPS) Room 1425 BPS
- 11:15 - 12:00 pm **Professor Marcos Dantus**, Applications of Ultrashort Shaped Pulses: Multiphoton Imaging, Micromachining, and Standoff Detection Room 1425 BPS
- 12:00 – 1:00 pm Lunch – BPS Building Courtyard

		Rm. 47	Rm. 47	Rm. 50	Rm. 50
1:00 – 2:00 pm	Hands-on Session 1	A	D	C	B
2:00 – 3:00 pm	Hands-on Session 2	B	A	D	C
3:00 – 4:00 pm	Hands-on Session 3	C	B	A	D
4:00 – 5:00 pm	Hands-on Session 4	D	C	B	A

6:00 – 8:00 pm Dinner

8:00 – 10:00 pm Poster Presentations and Refreshments (more lab time if needed)

Sunday, May 24

8:00 – 9:00 am Breakfast at hotel

9:00 - 10:00 am **Vadim Lozovoy**, Spatio-Temporal Effects that may arise in pulse shapers
Room 1425 BPS

10:00 - 10:30 am **Coherent Inc.**, Ultrafast Laser Sources
Room 1425 BPS

10:30 - 11:30 am **Professor Marcos Dantus**, General Discussion, Concluding Remarks and Future Directions
Room 1425 BPS

11:30 – 3:00 pm **Optional Session:** Extra Lab Time