

Graduate Student Meeting for Fall 2011

Agenda

Thursday, 25 August 2011, 4 pm, NPB 1002

1. **Katia Matcheva: *Female Physics Forum at UF***
2. **Dmitrii Maslov:**
Welcome to new students and status of UF Physics Graduate school
 1. **Stephen Hagen: Academic Honesty**
 2. **Shawn Mitryuk (student GSAC member): student-only meeting**

Faculty present: Yelton (Chair), Ingersent (Associate Chair), Muller (GRAC, Chair),
Deiweiler (GSAC), Hebard (GSAC), Stanton (GSAC)

Graduate Student Advisory Committee (GSAC)

<http://www.phys.ufl.edu/academics/graduate/gsac.shtml>



Maslov

Pam Marlin



Shawn Mitryk

Detweiler

Hebard

Sikivie


Stanton

Muttalib



GRADUATE PROGRAM

Graduate Student Advisory Committee

Members	Location/Contact
 Dairra Maslov Graduate Coordinator	2114 NPB 352.392.0513 maslov@phys.ufl.edu
 Steven Detweiler	2071 NPB 352.392.4948 det@phys.ufl.edu
 Art Hebard	2257 NPB 352.392.5541 ahb@phys.ufl.edu
 Pierre Sikivie	2045 NPB 352.392.1923 sikivie@phys.ufl.edu
 Chris Stanton	2170 NPB 352.392.8755 stanton@phys.ufl.edu
Shawn Mitryk Graduate Student Rep	smiryk@phys.ufl.edu

Graduate Links

> Graduate Home

Prospective Student

- > Degrees Offered
- > Admissions
- > International Students
- > Financial Support
- > FAQ
- > Faculty in Research
- > Women in Physics
- > About Gainesville

Current Student

- > Registration & Curriculum
- > Financial Support
- > Supervisory Committee
- > Graduate Student Advisory Committee
- > Graduation
- > Preliminary Exam
- > Awards
- > Announcements
- > FAQ

Publications

All this on a PC

- > Graduate Overview
- > Brochure and Guide

Contact

Student Services
 Office: 2210C NPB
 Phone: 352.392.9472

New Graduate Coordinator



Dmitrii Maslov

Education: MSc 1985 (Moscow State)

PhD 1989 (Landau Institute)

Post-docs: Vancouver, Urbana-Champaign

Interests: Condensed Matter Theory

Hobby: cross-fit training, poetry, history

Announcements

Welcome to the class of 2011!!!

Ackley, Kendall

Billman, Chris

Carnes, Andrew

Carver, Matt

Curry, David

Goetz, Ryan

He , Haoru

Hill, Erik

Hou, Jie

Majewski , Allen Robert

Nartowt, Bradley

Reeg, Chris

Schlittenhardt , Timothy

Wagner, Chris

Wospakrik, Marianne

Yang, Jihee

Zhao , Nan

- Sohyun Park goes to Fermi Lab!

Sohyun will spend the next 12 months at the Fermilab working on phenomenological aspects of the elementary particle physics.

For more details about this fellowship, see <http://theory.fnal.gov/students/>

Message for the rest of us: apply, apply, apply...



Sohyun
Park



Richard Woodard

Condensed matter poster session/party

- Monday, 3 October 4 pm--? am, Rm 2205
- Great chance to learn about Condensed Matter Physics (*and find a supervisor...*)

Fall Travel Support Applications are due TOMORROW by 5 pm!

- Go back to your e-mail, find a message from Maslov, fill out a form, send an e-mail to Maslov.
- Four applications will be forwarded from the Department to the College
- You snooze—you (*and your supervisor*) lose...

To international students traveling outside US:

- If you leave the country, you need to re-apply for a visa
- Allow plenty of time for the process
- Get a letter documenting your registration in Physics and take it with you to the US consulate at the country of your destination
- TA/GA need to be on campus during the entire semester *including the exam days*
- Discuss your travel plans with your main course professors for both *current* and *next* semester prior to booking your tickets
- Full RA/fellowships: discuss your travel plans with your supervisor
- Students do get stuck!

Alec Courtelis Award: deadline Sept 15

UF | International Center
UNIVERSITY of FLORIDA

170 HUB PO Box 113225
Gainesville, FL 32611-3225
Phone: 352-273-1516
Fax: 352-392-5575

The Alec Courtelis Award

The Alec Courtelis Award is given annually to three outstanding international graduate students. The award was first given at the 1996 International Student Awards Ceremony by Louise Courtelis in honor of her late husband, Alec Courtelis, a well-known financier and former Chairman of the Board of Regents. A wall plaque bearing the name of the award recipients and the year it was awarded is located at the University of Florida International Center. We are pleased to announce that we will be presenting three awards this year of \$3,000.00, \$1,500 and \$1,500.00 respectively.

The nominees should meet the following criteria:

- Currently enrolled in a Master or Ph.D. program.
- Demonstrates outstanding academic achievement.
- Contributions to the department and college exceed expectations.
- Contributions and service to campus life at UF exceed expectations.
- A non-immigrant F-1/J-1 student visa holder.
- Involvement in the Gainesville community.

Paperwork for the Spring semester

- Appointment and class registration forms to be submitted by **October 28**

If you plan to graduate this semester

- **Check <http://gradschool.rgp.ufl.edu/editorial/deadlines-doctoral.html> for deadlines**
- **Apply to graduate in ISIS & wait for e-mail**
- **First submission deadline: October 07**
- **Final submission deadline: December 02**

To 1st year students

- **New Graduate Student Orientation and TA Orientation (run by Graduate School)**
- **If you did not attend these sessions during the week of 14 August, please do it in early January (you will be reminded by email). *The Graduate School now takes attendance and has suggested that the TA sessions will, in the future, become a prerequisite for a TA appointment. So, we want to be prepared to this possibility.***

Security

- **Building Security: Review Handout, especially relevant for “football weekends” (see: <http://www.phys.ufl.edu/departments/securityinfo.html>).**
- **Don't leave your office door unlocked: laptops, wallets, books have been reported missing.**
- **Beware of pre-game parking restrictions: move your car as indicated, or it will be towed.**
- **Check the football schedule at <http://www.gatorzone.com/schedule.php?sport=footb>**
First game of the season: Sat, Sept 3.

UF PHYSICS PROGRAM

55 research faculty:

**high energy, condensed matter, mathematical, computational,
astro-, and biological physics**

Excellent graduate student/faculty ratio of 2.5:1

8 NSF Presidential Young Investigators/ Career Awards

5 Sloan Foundation Fellows

21 American Physical Society Fellows

3 Cottrell Scholars

3 Guggenheim Fellows

2 DOE Outstanding Junior Investigators

numerous individual faculty awards

Latest NRC Report

Ranked in the top 25% of all physics programs

Top program in the Southeastern United States

\$10,400,000 externally federally funded research in 2005-2006

Top 30 Physics programs nationwide

Major participant in national and international research collaborations:

NHMFL, LIGO, LISA, CDF, CMS

Sample schedule

- **Year 1:** pass the prelim/score well* in core courses/look around for a research topic*, and ...don't relax yet
- Summer Y1/Y2: an excellent opportunity to get your hands on research
- *Center for Condensed Matter Studies offers up to 4 summer fellowships for 1st year graduate students who passed prelim. More details TBA*
- **Year 2:** take more specialized/advanced courses/find a supervisor/satisfy-at least partially—"class distribution requirement"*/
FORM A SUPERVISORY COMMITTEE* by the end of Y2.
- **Year 3:** get heavily involved into research/bug your supervisor about RA
PASS ORAL EXAM* BY THE END OF Y3
- **Year 4:** do a major discovery
- **Year 5:** do another major discovery and graduate!
- **Year 6:** If you are still here: get out—we need your office space!

Fine print

- “score well*”: maintain average GPA no lower than 3.3
- “look around for a research topic*”:
 - Talk to people, especially, to senior students—they know.
 - Attend all colloquia and—at least selected— research seminars
 - List of seminars: <http://www.phys.ufl.edu/seminars/index.shtml>
 - Contact seminar organizers for suggestions on particularly interesting seminars of the semester*
 - Pay special attention to student seminars and journal clubs:*
 - a) Graduate Student Seminar (needs to be revived)
 - b) Biophysics Journal Club
 - c) Condensed Matter Theory Journal Club
 - Attend—at least selected--group meetings and Department-wide
 - “Meet the Research Groups/Meet the Faculty” Poster Session/Christmas Party usually Friday after the last day of classes; watch for an announcement
 - Don’t be shy: ask about possibilities of RA support; check funding record

Courses on demand

- **Department encourages student input in forming a selection of advanced topic courses**
- **Those need to be planned in advance**
- **Make your recommendation to GSAC no later than the second week of the Spring semester**

Speakers on demand

**Make your recommendation on particular colloquium/seminar topic/speaker
Either to GSAC or directly to colloquium/seminar organizer(s)
Also plan in advance: well before the semester begins!**

Fine Print, continued...

- "class distribution requirement"*: at least three (3) advanced (>6000 level) in three different subfields of physics

Fall 2011		Spring 2012	
PHZ 6426 (Solid St 1)	Maslov		
PHY 6648 (Quant Fld Th.1)	Qiu	PHY7669 (Quant Fld Th. 2)	Qiu
PHZ6358 (Standard Model 1)	Matchev	PHZ7359 (Standard Model 2)	Matchev
PHZ 6424 (Optical Effect)	Tanner		
		PHY 7429 (Phases Cond Matter)	Hirschfeld
PHY 7097/7098 (Adv. Topics)	Muttalib	PHY7097/7098 (Adv. Topics)	Mueller
			(QuantumOptics)

Classes can be taken outside the Department

Supervisory Committee

- **“supervisor committee”*:**
your immediate supervisor (Chair)+3 faculty in Physics+ 1 external member
Rationale: complementary expertise, advise, resolving of student/faculty conflicts, unforeseen circumstances
Advantages for you: certain commitment on behalf of your supervisor (*not* a guarantee for PhD!); more resources of expertise
plus you can take as many “supervised research classes” PHY7979,7980 as you like

Oral Exam

- **Do I need to have original results for the oral?**
- **No ! (*although it would not be held against you*)**
- **You need to demonstrate**
 - a) basic understanding of your field of research;**
 - b) knowledge of the literature;**
 - c) solid research PLAN towards your PhD**

Therefore, there is NO reason to postpone the oral exam!

Professional Behavior

A. Sexual Harassment & Related Issues

<http://www.hr.ufl.edu/eoo/harassment.htm>)

On-line tutorial: <http://www.hr.ufl.edu/eoo/tutorial.htm>

C. Suggestions/Guidelines for Lecturers and Leaders of Discussion Sections

<http://www.phys.ufl.edu/~meisel/Lecture-Discussion-v15Dec04.doc>

D. Academic honesty: Prof. Hagen presentation

E. Timing of Requests and Return of Paperwork

Do Not Wait until the Last Moment.

F. Maintain a professional and courteous tone in your e-mail messages.

d11

P2

There is life beyond Physics...



Lake Wouburg (free with UF id)

RECSPORTS
DIVISION OF STUDENT AFFAIRS
UNIVERSITY of FLORIDA

HOME

AQUATICS

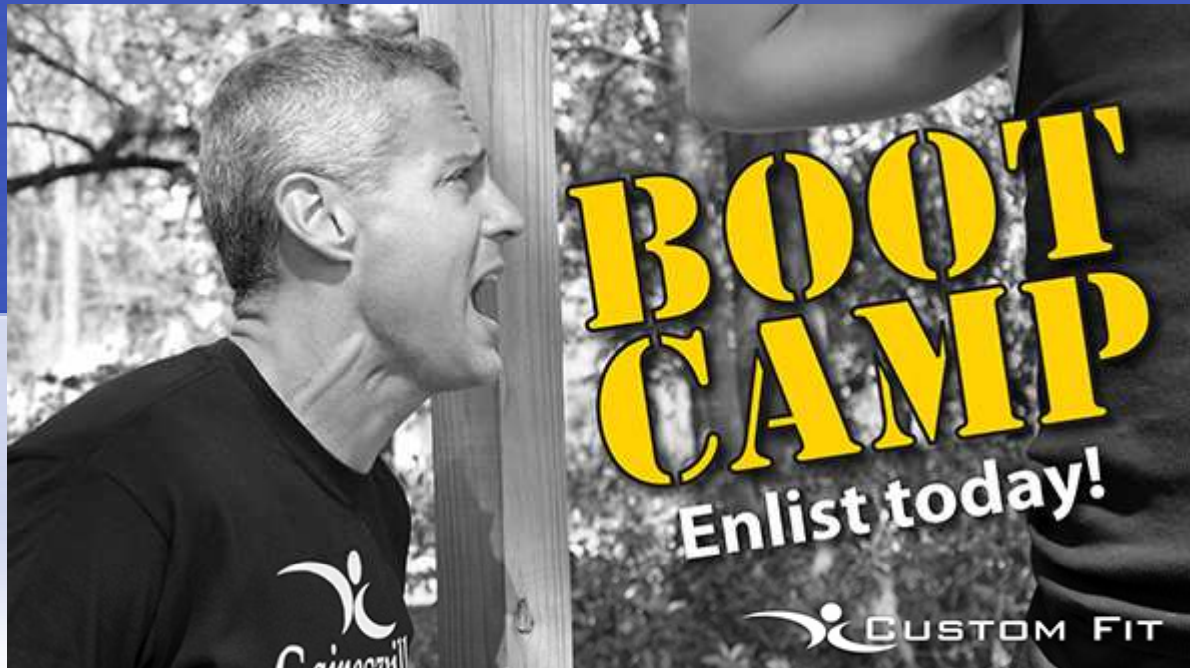
FACILITIES

FITNESS

INTRAMURAL SPORTS

LAKE





Gainesville Health Club and Fitness Center

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Go Primal Fitness is a gym. The purpose of our training is to teach, to prepare, and to equip those individuals who want more from themselves. To us training is a medium for self-inquisition; an opportunity to advance, endure, outlive, persist, and progress. We value



GAINESVILLE ROCK GYM

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UF Performing Arts
IT ALL STARTS HERE.

JAZZ AT LINCOLN CENTER ORCHESTRA WITH
WYNTON MARSALIS
03-12-2012 7:30PM

Events Outreach Students Support Tickets Venues Visitor Information

Students

Main Student Page

Welcome Students!

Student Ticket Discounts



Hippodrome State Theater and Cinema



Department of Physics

