# UNIVERSITY OF MARYLAND

# *Center for Nanophysics and Advanced Materials*

Department of Physics

## Room 0368, Physics Building

College Park, MD 20742-4111

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SYLLABUS

R. L. Greene Physics 838C

rickg@umd.edu Spring 2014

Physics 838C meets on Mondays at 4pm in room 1201 Physics. Attached is the spring 2013 speaker schedule.

Physics 838C is the CNAM graduate student seminar. All graduate students who are research assistants in the CNAM are requested to register for this course for 2 credits every semester until you graduate. **(If you are a CNAM graduate student and you have not registered, register now!**) Some students in theory, materials science, or other related areas giving talks to encourage collaborations; they are welcome to register if they wish to. If registering for this course causes you to register for more than 10 credits per semester or causes other problems, please see me. Grading is based on your individual presentation, your attendance, your participation in discussion, and your speaker evaluations.

You should prepare your talk as if it were an interview seminar to an audience knowledgeable in condensed matter/materials physics, but not expert in your particular research area. Your presentation should be about 30 minutes long and include 10-15 minutes of background material that can be understood by everyone in the audience. Another 15 minutes (beyond the 30) are reserved for questions/discussion. All students and faculty should attend this seminar in order to keep informed of the breadth of research in condensed matter/materials physics at the University of Maryland. Any requested changes in this schedule must be approved by me first and arranged at least 2 weeks in advance.

CNAM sponsors a prize, with cash award, for the two best student presentations during the entire academic year (Fall 2013 and Spring 2014). This is an excellent opportunity to enhance your CV.

**PHYS838C: Special Topics in Experimental Solid State Physics; Superconductivity, Quantum Materials and Nanoscience Seminar**

Mondays 4-5:50, Physics 1201

R. L. Greene: rickg@umd.edu

**Spring 2014 Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| 1/27/2014 | No class |  |  |
| 1/27/2014 | No class |  |  |
| 2/3/2014 | TBA |  |  |
| 2/3/2014 | Connor Roncailoli | Paglione | conroncaioli@gmail.com |
| 2/10/2014 | Melissa Trepanier | Anlage | mctrep@umd.edu |
| 2/10/2014 | Justin Wilson | Galitski | jwilson@umd.edu |
| 2/17/2014 | Renxiong Wang | Paglione | wang0402@umd.edu |
| 2/17/2014 | Zach Raines | Galitski | raineszm@umd.edu |
| 2/24/2014 | Yeping Jiang Greene | | yjiang@umd.edu |
| 2/24/2014 | Jie Yong Greene | | jyong@umd.edu |
| 3/3/2014 | March Meeting |  |  |
| 3/3/2014 | March Meeting |  |  |
| 3/10/2014 | Tyler Drye | Paglione | [tdrye@umd.edu](mailto:tdrye@umd.edu) |
| 3/10/2014 | Yi Wang | Takeuchi | [ywang123@umd.edu](mailto:ywang123@umd.edu) |
| 3/17/2014 | Spring break |  |  |
| 3/17/2014 | Spring break |  |  |
| 3/24/2014 | Steve Ziemak | Paglione | ziemak@umd.edu |
| 3/24/2014 | Josue Morales | Einstein | [jmorale4@umd.edu](mailto:jmorale4@umd.edu) |
| 3/31/2014 | Jonathan Hoffman | Rolston/Orozco | jhoff3486@gmail.com |
| 3/31/2014 | Haitan Xu | Taylor | haitanxu@gmail.com |
| 4/7/2014 | Prabin Adhikari | Taylor | prabin747@gmail.com |
| 4/7/2014 | Sean Fackler | Takeuchi | [swfackler@gmail.com](mailto:swfackler@gmail.com) |
| 4/14/2014 | Shangjie Yu | Ouyang | ysj.stanley@gmail.com |
| 4/14/2014 | Nat Steinsultz | Ouyang | nsteins@umd.edu |
| 4/21/2014 | Holly Tinky | Appelbaum | [htinkey4@gmail.com](http://gmail.com/) |
| 4/21/2014 | Joyce Coppock | Anderson/Johnson | [joyce.coppock@gmail.com](mailto:joyce.coppock@gmail.com) |
| 4/28/2014 | Bo Xiao | Anlage | [xiaobo@umd.edu](mailto:xiaobo@umd.edu) |
| 4/28/2014 | Bahman Sarabi | Osborn, Wellstood | bahmans@umd.edu |
| 5/5/2014 | Liang Li | Fuhrer | lyons86@umd.edu |
| 5/5/2014 | Aydin Keser | Galitski | aydincemkeser@gmail.com |
| 5/12/2014 | TBA |  |  |
| 5/12/2014 | TBA |  |  |