

**Sunday, May 22, 2011**

06:00 P.M. - 09:00 P.M.

Welcome Reception

**Monday, May 23, 2011**

08:15 A.M. - 09:00 A.M.

Continental Breakfast

09:00 A.M. - 10:30 A.M.

*Fundamentals of Magnetism I*

Kevin O'Grady

10:30 A.M. - 11:00 A.M.

Coffee Break

11:00 A.M. - 12:30 P.M.

*Fundamentals of Magnetism I*

Kevin O'Grady

12:30 P.M. - 01:30 P.M.

Lunch Break

01:30 P.M. - 03:00 P.M.

*Fundamentals of Magnetism II*

Leszek Malkinski

03:00 P.M. - 03:30 P.M.

Coffee Break

03:30 P.M. - 05:00 P.M.

*Fundamentals of Magnetism II*

Leonard Spinu

05:00 P.M. - 06:30 P.M.

Dinner

06:30 P.M. - 08:00 P.M.

Evening Talk: *(Why aren't There Any) Magnetic Fluids*  
Kevin O'Grady

**Tuesday, May 24, 2011**

08:15 A.M. - 09:00 A.M.

Continental Breakfast

09:00 A.M. - 10:00 A.M.

*Magnetization Dynamics*

Carl Patton

10:00 A.M. - 10:15 A.M.

Coffee Break

10:15 A.M. - 11:15 P.M.

*Magnetization Dynamics*

Carl Patton

11:15 A.M. - 11:30 A.M.

Coffee Break

11:30 A.M. - 12:30 P.M.

*Magnetization Dynamics*

Carl Patton

12:30 P.M. - 01:30 P.M.

Lunch Break

01:30 P.M. - 03:00 P.M.

*Modeling*

Roy Chantrell

03:00 P.M. - 03:30 P.M.

Coffee Break

03:30 P.M. - 05:00 P.M.

*Modeling*

Roy Chantrell

05:00 P.M. - 06:30 P.M.

Dinner

06:30 P.M. - 08:00 P.M.

Poster Session A

**Wednesday, May 25, 2011**

08:15 A.M. - 09:00 A.M.

Continental Breakfast

09:00 A.M. - 10:30 A.M.

*Spintronics*

Axel Hoffmann

10:30 A.M. - 11:00 A.M.

Coffee Break

11:00 A.M. - 12:30 P.M.

*Spintronics*

Axel Hoffmann

12:30 P.M. - 01:30 P.M.

Lunch Break

01:30 P.M. - 03:00 P.M.

Poster Session B

03:00 P.M. - 04:30 P.M.

Tour of *Advanced Materials Research Institute - AMRI*

05:00 P.M.

Meeting Point

Pontchartrain Hall A

Social Event

Dinner & Jazz Cruise  
on Steamboat Natchez

05:00 P.M. - 09:30 P.M.

**Thursday, May 26, 2011**

08:15 A.M. - 09:00 A.M.

Continental Breakfast

09:00 A.M. - 10:30 A.M.

*Imaging and Characterization*

Peter Fischer

10:30 A.M. - 11:00 A.M.

Coffee Break

11:00 A.M. - 12:30 P.M.

*Imaging and Characterization*

Peter Fischer

12:30 P.M. - 01:30 P.M.

Lunch Break

01:30 P.M. - 03:00 P.M.

*Magnetic Recording*

Roger Wood

03:00 P.M. - 03:30 P.M.

Coffee Break

03:30 P.M. - 05:00 P.M.

*Magnetic Recording*

Roger Wood

05:00 P.M. - 06:30 P.M.

Dinner

06:30 P.M. - 08:00 P.M.

Evening Talk: *Magnetic Thin Films for High Density Perpendicular Magnetic Recording Media*  
Masaaki Futamoto

**Friday, May 27, 2011**

08:15 A.M. - 09:00 A.M.

Continental Breakfast

09:00 A.M. - 10:30 A.M.

*Biomagnetism*

Sara Majetich

10:30 A.M. - 11:00 A.M.

Coffee Break

11:00 A.M. - 12:30 P.M.

*Biomagnetism*

Sara Majetich

12:30 P.M. - 01:30 P.M.

Lunch Break

01:30 P.M. - 03:00 P.M.

*Magnetic Materials in Sustainable Energy*  
Oliver Gutfleisch

03:00 P.M. - 03:30 P.M.

Coffee Break

03:30 P.M. - 05:00 P.M.

*Magnetic Materials in Sustainable Energy*  
Oliver Gutfleisch

05:00 P.M. - 06:00 P.M.

Dinner

06:30 P.M.

Meeting Point

Pontchartrain Hall A

Social Event

Greek Festival

05:00 P.M. - 11:00 P.M.

End of the Summer School

11:00 P.M.

## Lecturers

### Roy Chantrell

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### Peter Fischer

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### Masaaki Futamoto

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### Oliver Gutfleisch

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### Axel Hoffmann

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### Sarah Majetich

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### Leszek Malkinski • Leonard Spinu

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### Kevin O'Grady

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### Carl Patton

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<http://www.physics.colostate.edu/People/faculty/CarlPatton>

### Roger Wood

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<http://www.hitachigst.com/>

## Program Committee

Albrecht Jander  
 Leonard Spinu  
 Hiroaki Muraoka  
 Zbigniew Celinski  
 Mingzhong Wu

Oregon State Univ.  
 University of New Orleans  
 Tohoku University  
 University of Colorado  
 Colorado State University

## Local Organizing Committee

Leonard Spinu  
 Leszek Malkinski  
 Poncho De Leon  
 Jennifer Tickle

University of New Orleans  
 University of New Orleans  
 University of New Orleans  
 University of New Orleans

## Student Selection Committee

Leszek Malkinski  
 Alexandru Stancu  
 Xiaoshan Wu  
 Kristen Buchanan

University of New Orleans  
 Iasi University  
 Nanjing University  
 Colorado State University

## Venue

Lindy C. Boggs International Conference Center  
 University of New Orleans  
 2045 Lakeshore Dr.  
 New Orleans, LA, 70148, USA  
 Phone: +1 (504) 280 6680  
<http://conference.uno.edu>



## Accommodations

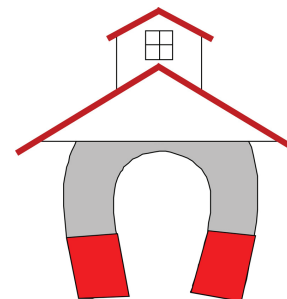
Pontchartrain Hall North  
 University of New Orleans  
 Phone: +1 (504) 280 6402  
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TRAC Building  
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Program

# IEEE Magnetics Society Summer School



May 22 - 28, 2011  
 New Orleans, U.S.A.



## Venue



THE UNIVERSITY of  
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Advanced Materials Research Institute