



First Annual

# SCHOOL OF INFORMATION THEORY



University Park Campus, Penn State University  
June 1-5, 2008

The aim of the School of Information Theory is to bring together graduate students, postdoctoral researchers and senior researchers working on Information Theory in an interactive campus environment. We follow the tradition of the [European Winter School on Coding and Information Theory](#) and bring it to North America!

We are pleased to announce that The First Annual School of Information Theory will be held Sunday, June 1, to Thursday, June 5, 2008, at the University Park Campus, Penn State University, State College, PA. There will be two full-day courses held June 2-3, a half-day course and a panel on June 4, and a keynote lecture on June 5. The remaining time on June 4-5 is devoted to student presentations and posters.



The instructors for the school are:

- Prof. Toby Berger (University of Virginia)
- Prof. Muriel Medard (MIT)
- Prof. David Tse (UC Berkeley)

Graduate students and postdoctoral researchers in North America working on problems of information theory in a broad sense are encouraged to apply with the title and a short (less than 250 words) abstract of a talk/poster they would like to present.

The application deadline for the school is March 31, 2008. There is no registration fee for this event and travel grants will be available.

Posters/presentations on a broad range of topics in information theory are solicited, including, but not limited to:

<i>Communication theory</i>	<i>Coding theory and practice</i>	<i>Multi-terminal information theory</i>
<i>Ad hoc Networks</i>	<i>Cryptography</i>	<i>Pattern recognition and learning</i>
<i>Shannon theory</i>	<i>Information theoretic security</i>	<i>Quantum information theory</i>
<i>Signal processing</i>	<i>Information theory for networks</i>	<i>Sequences and complexity</i>
<i>Source coding</i>	<i>Biological Information Systems</i>	<i>Information theory and statistics</i>

For general inquiries, please contact Aylin Yener [yener@ee.psu.edu](mailto:yener@ee.psu.edu) or Gerhard Kramer [gkr@research.bell-labs.com](mailto:gkr@research.bell-labs.com). To apply to the school, and for more information on the format, program, accommodations, and travel, please refer to

<http://school.itsoc.org/>

## Overall Organization

Aylin Yener  
Gerhard Kramer

## Applications

Ivana Maric  
Sennur Ulukus

## Web and Publicity

J. Nicholas Laneman  
Lalitha Sankar  
Brooke Shrader

The First Annual School of Information Theory is dedicated to Sergio Servetto