8th Annual Research Symposium

BOSSONE ATRIUM

FEBRUARY 26TH

9:00 AM – 5:00 PM

DIG
The Drexel IEEE Graduate Forum (DIG) is the graduate student body of IEEE, the largest technical professional society, at Drexel University. As a graduate student organization, the objectives and purposes are focused toward the interests of the graduate student community and the departments supporting the Forum at Drexel. Each year DIG holds a Research Day as a venue for graduate students to present their research to their colleagues, while providing a venue for networking and socializing.

The entire day is lined up with activities such as:

- Talks by experts on their research
- Poster Competition
- Breakfast, Lunch and Snacks to be served.

Our 7th Annual Research Symposium was graced by talks from

- Dr. Baris Taskin
- Dr. Chris Callison-Burch
- Dr. Anilchandra Attaluri.

We showcased 31 posters by researchers from Drexel University as well as other local universities.

This year for our 8th Annual Research Symposium we will be showcasing approximately 40 posters and having talks by

- Dr. Donald Buerk
- Dr. Frank Lee
- Mr. Joe Buzzanga
- Dr. Robert Vanderbei

For the poster competition we have active participation from researchers from University of Pennsylvania, Rowan, Villanova, Temple and Rutgers University along with Drexel University who will be presenting posters from a wide range of fields such as:

- Electrical and Computer Engineering
- Mechanical
- Materials Science
- Comp Science
- Information Systems
- Chemical Engineering
- Nanotechnology
Dr. Donald Buerk, Drexel University

A Tale of Two Gases

Dr. Donald G. Buerk earned his PhD in Chemical Engineering at Northwestern University and his research focuses on the areas of biotechnology, physiology, systems biology, blood flow, microcirculation, nitric oxide, and oxygen transport.

Dr. Frank Lee, Drexel University

The City as a Playground – Exploring Intersection of Physical Spaces and Digital Games

Dr. Frank J. Lee is an Associate Professor of Digital Media in the Antoinette Westphal College of Media Arts and Design at Drexel University. Lee co-founded Drexel's Game Design Program in 2008, ranked as one of the Top 5 Best Game Design Programs in U.S. His most recent project, Skyscraper Tetris, was mentioned in over 1500 news stories worldwide with an estimated 2.2 billion views.

Mr. Joe Buzzanga, IEEE

Post Page Rank: Search, AI and the Limits of Probability

Mr. Joe Buzzanga is a Senior Product Manager, Digital Products at IEEE. He has deep and varied experience in product planning, development and management in technology domains including computer networking, semiconductor, and most recently, scientific and technical publishing.

Dr. Robert Vanderbei, Princeton University

Space Mission Concepts to Image Earth-Like Planets in Habitable Zones

Robert Vanderbei is a Professor in the Department of Operations Research and Financial Engineering at Princeton University. His research interests lie in probability and optimization. In 1984 he joined Bell Labs where he made fundamental contributions to the field of optimization and holds three patents for his inventions. Since 2001, much of Vanderbei's research has been devoted to design concepts for the yet-to-be-built space telescope called the Terrestrial Planet Finder.
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<tr>
<td>Event Commencement</td>
<td>9:00 AM</td>
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<tr>
<td>Breakfast</td>
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<td>Mr. Joe Buzzanga</td>
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<td>Dr. Donald Buerk</td>
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<td>Lunch &amp; Poster Presentation</td>
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<td>Dr. Frank Lee</td>
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<td>Dr. Robert Vanderbei</td>
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