1:00 - 1:20 PM  
**Stephanie Y. Chen**
Grothendieck Classes of Melonic Graphs and Log Concavity

**Paolo Aluffi**  
Professor of Mathematics, Florida State University  
Matilde Marcolli  
Robert F. Christy Professor of Mathematics and Computing and Mathematical Sciences

1:20 - 1:40 PM  
**Jonah K. Yoshida**
On r-repetitions of Colorings in Euclidean Spaces

**David G. Conlon**  
Professor of Mathematics

1:40 - 2:00 PM  
**Jun Ikeda**
Improving Cardinality Estimation of Sum of Sets With Convexity

**Nets H. Katz**  
International Business Machines Professor of Mathematics  
Shukun Wu  
Olga Taussky and John Todd Instructor in Mathematics

2:00 - 2:20 PM  
**Santiago T. Adams**
Investigations on Hamiltonicity and Cycle Spectra of 3 and 4-connected Almost-Planar Graphs

**Sandra Kingan**  
Associate Professor of Mathematics, Brooklyn College and the Graduate Center, City University of New York  
David G. Conlon  
Professor of Mathematics

2:20 - 2:40 PM  
**Haydn C. Maust**

*Nilo A. and Phylis F. Niccolai SURF Fellow*

On a Counterexample to the Milnor Conjecture in Dimension 7

**Antoine Song**  
Assistant Professor of Mathematics

2:40 - 2:50 PM  
**BREAK**

2:50 - 3:10 PM  
**Kenji I. Nakagawa**
Euler-Kronecker Constants and Cyclotomic $\mathbb{Z}_p$-extensions

**Anna M. Szumowicz**  
Harry Bateman Instructor of Mathematics

3:10 - 3:30 PM  
**Necef A. Kavrut**
Sharpened Bounds for Polynomial Roth Type Theorem in Finite Fields

**Shukun Wu**  
Olga Taussky and John Todd Instructor in Mathematics

3:30 - 3:50 PM  
**Brian B. Yang**
Carl F. Braun SURF Fellow
Asymptotic Formulas of Scattering Diagrams in the Tropical Vertex Group

**Tony Yue Yu**  
Professor of Mathematics  
Thorgal Hinault  
Graduate Student in Mathematics
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>3:50 - 4:10 PM</td>
<td><strong>Alec Z. Sandroni</strong></td>
<td>Random Utility Model With the Network Flow Technique</td>
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<td><em>David C. Elliot SURF Fellow</em></td>
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<td><strong>Kota Saito</strong></td>
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<td><strong>Professor of Economics</strong></td>
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<td><strong>Yi Xin</strong></td>
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<td><strong>Assistant Professor of Economics</strong></td>
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<td>4:10 - 4:30 PM</td>
<td><strong>William W. Luna-Victoria</strong></td>
<td>Algebraic Geometry and Quantum Codes</td>
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<td><em>University of Southern California</em></td>
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