

Friday, August 20

12:15pm	<p style="text-align: center;">Registration in Math Tower 7th Floor Lounge (231 West 18th Ave)</p>		MW 724																																										
1:45pm	<p style="text-align: center;">"Welcome to Young Mathematicians Conference - 2004" Peter March (Chair, Dept of Math, OSU)</p>		MW 724																																										
2:00pm	<p style="text-align: center;"><u>Parallel Sessions (I)</u></p> <p style="text-align: center;"><u>Session A (EA 265)</u></p> <table border="1" data-bbox="297 527 1279 814"> <tr> <td>2:00pm</td> <td>Peter Shallot (Slippery Rock Univ)</td> <td>Trajectory estimation of small diameter rockets</td> </tr> <tr> <td>2:30pm</td> <td>Alicia Jumper (Ohio State Univ)</td> <td>Mathematical Models of the Human Sleep/Wake Cycle</td> </tr> <tr> <td>3:00pm</td> <td>Kristen Dardia (James Madison Univ)</td> <td>Using Scale Mixtures of Normals to Model Continuously Compounded Return</td> </tr> <tr> <td>3:30pm</td> <td>Laura Dev & Sara Lapan (Tufts University & Univ of Chicago)</td> <td>Modeling Cancer Mathematically</td> </tr> </table> <p style="text-align: center;"><u>Session B (EA 275)</u></p> <table border="1" data-bbox="297 873 1279 1226"> <tr> <td>2:00pm</td> <td>Tyler Smith (Univ of Illinois at Urbana-Champaign)</td> <td>1-Groups Acting on CAT(0) Cube Complexes</td> </tr> <tr> <td>2:30pm</td> <td>Johnson Xin Jia (Univ California, Los Angeles)</td> <td>Hyperbolic isometries on R-trees</td> </tr> <tr> <td>3:00pm</td> <td>Kimberly Cervello (State Univ of New York at Genesco)</td> <td>Extraction Degrees of Zero Sequences in Finite Abelian Groups</td> </tr> <tr> <td>3:30pm</td> <td>Liya Zhu (Univ California, Berkeley)</td> <td>Extraction Degrees of Zero Sequences</td> </tr> <tr> <td>4:00pm</td> <td>Micah Miller (Bowdoin College)</td> <td>Constructing Minimal Length Representatives in Thompson's Group F</td> </tr> </table> <p style="text-align: center;"><u>Session C (EA 285)</u></p> <table border="1" data-bbox="297 1283 1279 1635"> <tr> <td>2:00pm</td> <td>Shawn Elledge (Arizona State Univ)</td> <td>Applications of Graph Pebbling to Group Theory</td> </tr> <tr> <td>2:30pm</td> <td>John Hegeman (Stanford Univ)</td> <td>Polynomial Designs: Existence and Construction Results</td> </tr> <tr> <td>3:00pm</td> <td>Steven Klee & Leah Yates (Valparaiso Univ & East Carolina Univ)</td> <td>Tight Subdesigns of the Higman-Sims Design</td> </tr> <tr> <td>3:30pm</td> <td>Colleen Hughes (Denison Univ)</td> <td>Straight Line Embeddings of K6</td> </tr> <tr> <td>4:00pm</td> <td>Jesse Raab (College of Charleston)</td> <td>Slightly Irregular Non-Planar Graphs</td> </tr> </table>		2:00pm	Peter Shallot (Slippery Rock Univ)	Trajectory estimation of small diameter rockets	2:30pm	Alicia Jumper (Ohio State Univ)	Mathematical Models of the Human Sleep/Wake Cycle	3:00pm	Kristen Dardia (James Madison Univ)	Using Scale Mixtures of Normals to Model Continuously Compounded Return	3:30pm	Laura Dev & Sara Lapan (Tufts University & Univ of Chicago)	Modeling Cancer Mathematically	2:00pm	Tyler Smith (Univ of Illinois at Urbana-Champaign)	1-Groups Acting on CAT(0) Cube Complexes	2:30pm	Johnson Xin Jia (Univ California, Los Angeles)	Hyperbolic isometries on R-trees	3:00pm	Kimberly Cervello (State Univ of New York at Genesco)	Extraction Degrees of Zero Sequences in Finite Abelian Groups	3:30pm	Liya Zhu (Univ California, Berkeley)	Extraction Degrees of Zero Sequences	4:00pm	Micah Miller (Bowdoin College)	Constructing Minimal Length Representatives in Thompson's Group F	2:00pm	Shawn Elledge (Arizona State Univ)	Applications of Graph Pebbling to Group Theory	2:30pm	John Hegeman (Stanford Univ)	Polynomial Designs: Existence and Construction Results	3:00pm	Steven Klee & Leah Yates (Valparaiso Univ & East Carolina Univ)	Tight Subdesigns of the Higman-Sims Design	3:30pm	Colleen Hughes (Denison Univ)	Straight Line Embeddings of K6	4:00pm	Jesse Raab (College of Charleston)	Slightly Irregular Non-Planar Graphs	Eighteenth Avenue classroom building
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5:00pm	<p style="text-align: center;">"Fixed Points and Stormy Weather" Prof. Mike Starbird (Univ Texas, Austin)</p>		EA 160																																										
	<p style="text-align: center;">Free Evening - see Webpage for local information</p>																																												

Saturday, August 21

8:30 am	Coffee																				
9:45 am	<u>"TBA"</u> Prof John Conway (Princeton Univ)		EA160																		
11:00 am	<u>Poster Session</u> & Refreshments		MW 724 (Mathematics Lounge)																		
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Saturday, August 21 (cont.)

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<p>5:00 pm</p>	<p style="text-align: center;"><i>"Phyllotaxis, Dancing Elves, and a Flower's View of Euclid's Algorithm"</i></p> <p style="text-align: center;">Prof. Susan Goldstine (St. Mary's College of Maryland)</p>	<p>EA 0160</p>																		
<p>6:45 pm</p>	<p style="text-align: center;"><i>Banquet at Fawcett Center</i> 2400 Olentangy River Road in the <i>Alumni Lounge</i></p>																			

Sunday, August 22

8:30 am	Coffee																																						
9:30 am	Closed Session for Mentors		MW 154																																				
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