

**2023 Kentucky Section of the Mathematical Association of America at Georgetown College**

Saturday, April 1, 2023

	ASC Room 131	ASC Room 132	ASC Room 133	ASC Room 219
8:30am – 8:50am	<b>The Newtonian Limit of Hermitian Gravity in 8-Dimensional Complex Space (U)</b> <i>Knupp, Richard</i> Morehead State University	<b>Counterexamples to Frenkel's Conjecture for <math>HE_7^{(1)}</math> and <math>HE_8^{(1)}(P)</math></b> <i>Baker, Michael</i> University of Kentucky	<b>A Quasi-isometry of P-adic Numbers in a Subset of the Real Plane (U)</b> <i>Zopff, Kathleen</i> Bellarmine University	
9:00am – 9:20am	<b>Better Hearing through Adaptive Quadrature (U)</b> <i>Mathew, Faith; Shibiru, Yoseph</i> Northern Kentucky University	<b>How to Minimize Dense Sets? (F)</b> <i>Nguyen, Lan</i> Western Kentucky University	<b>A rational square variant of the Harriss Spiral (F)</b> <i>D. Jacob Wildstrom</i> University of Louisville	<b>Reflections on a First Year Explorations Course (F)</b> <i>Buckley, Brooke; Agard, David; Newman, Stephen</i> Northern Kentucky University
9:30am – 10:10am	<b>Faculty* Coffee Chats (ASC Foyer, First Floor)</b> <i>*Faculty, Postdocs, and Graduate Students!</i>		<b>Undergraduate Student Puzzle Competition (ASC 218)</b> <i>Moderator: erica Whitaker</i>	
10:15am – 11:15am	<b>Invited Address (ASC 112)</b> <b>Clocks, Parking Garages, and the Solvability of the Quintic: A Friendly Introduction to Monodromy</b> <i>Edray Herber Goins – Pomona College</i>			
	ASC Room 132	ASC Room 133	ASC Room 218	ASC Room 219
11:20am – 11:40am	<b>Visitors from the 4th Dimension: The Length-4 Wavelets (F)</b> <i>Roach, David</i> Murray State University	<b>Varignon's Theorem in the Hyperbolic Plane (F)</b> <i>WILLIAM (Bill) FENTON</i> Bellarmine University	<b>Is it time to teach the mathematics of post-quantum algorithms? (F)</b> <i>Christensen, Chris</i> Northern Kentucky University	<b>Incorporating Post-Graduation Preparation into the Major (F)</b> <i>Buckley, Brooke</i> Northern Kentucky University
11:50am – 12:10pm		<b>Dominion on Grid Graphs (F)</b> <i>Su, Sam</i> Midway University	<b>Taming the 3n+1 Monster (F)</b> <i>Zarnowski, Roger</i> Northern Kentucky University	<b>Using games for exploration in a math teachers' circle (F)</b> <i>Fuselier, Jenny</i> High Point University
12:20pm – 1:00pm	<b>Business Meeting &amp; Luncheon</b> Learning Resource Center, Ward Room			
1:00pm – 2:00pm	<b>KYMAA Executive Committee Meeting</b> Learning Resource Center, Ward Room			

**Contributed Talks (F: faculty; P: postdoc; G: graduate; U: undergraduate; B: business)**