

PROGRAM for the Indiana Section MAA Spring 2023 MEETING  
 Indiana University - Kokomo  
 Friday and Saturday, March 31 & April 1, 2023

(All events, with the exception of some ICMC competition rooms, are in the Kelley Student Center.)

Friday, March 31			
3:00-5:00	Registration Alumni Hall, Kelley Student Center	3:30-3:50	ICMC Registration
		4:00-4:15	ICMC Orientation Kresge Auditorium, KA 105
5:00-6:15	Executive Board Meeting Cole Community Room, KA 106	4:30-6:30	ICMC (Various rooms)
<b>Contributed Talks</b>			
KC130AC Moderator: Chris Caruvana			
4:30-4:50	<b>What my advisor taught me (+, #)</b> Derek Thompson		
5:00-5:20	<b>An introduction to quadrature domains and the X Marks the Spot problem (+)</b> Leah McNabb (*)		
5:30-5:50	<b>The unprovability of consistency: some updates (+, #)</b> Bernd Buldt		
6:00-6:20	<b>Chess endgame theory and the nature of proof (+, #)</b> Doug Weakley		
6:30-7:45	<b>Banquet</b> Alumni Hall		
7:45-8:00	<b>Awards Presentation</b> Kresge Auditorium, KA 105		
8:00-9:00	<b>Dr. Catherine Hsu</b> Swarthmore College <b>Projective and Non-Abelian SET</b> Kresge Auditorium, KA 105		

**Saturday, April 6**

7:30-9:00	Registration - Alumni Hall, Kelley Student Center	
8:50-9:00	<p align="center"><b>Welcome – Dr. Christian Chauret,</b>          Dean of the IUK School of Sciences          Kresge Auditorium, KA 105</p>	
9:00-10:00	<p align="center"><b>Dr. Heidi Berger</b> Simpson College  <b>The Upside of Down Syndrome</b>          Kresge Auditorium, KA 105</p>	
10:00-10:30	Snacks and Conference Photo - Alumni Hall	
	<p><b>Contributed talks</b>          KC130AC</p>	<p><b>Student Activities</b>  <b>Workshop</b>          KC130B</p>
10:30-10:50	<p><b>Section NExT panel: Alternative Grading</b>          Moderator: Rachel Petrik</p>	<p><b>The History of L’Hôpital’s Rule</b></p>
11:00-11:20		<p>Colin McKinney</p>
11:30-11:50		<p><b>Jeremy Case (+, #)</b>          Ethics as statistical instruction</p>

12:00-1:15	<b>Lunch</b> Alumni Hall	
1:30-2:30	<b>Dr. Catherine Hsu</b> Swarthmore College <b>Prime Components in Apollonian packings</b> Kresge Auditorium, KA 105	
	<b>Contributed talks</b>	<b>Poster Session</b>
	KC130AC Moderator: Tiffany Kolba	Kresge Auditorium, KA 105 Moderator: Matt DeLong
2:35-2:55	<b>Graph labeling meets Hamming distance (+)</b> Ashka Dalal (**)	<b>Catalan numbers and action graphs (+)</b> Nathan Glisson (**) Luke Proctor (**)
3:00-3:20	<b>Austrian Solitaire (+, #)</b> Phil Mummert	<b>Action graphs of super Catalan numbers (+)</b> Alison Cochran (**) Kathryn McDicken (**)
3:30-4:15	Business Meeting Kresge Auditorium KA105	ICMC Solutions Workshop Colin McKinney KC130B
	General Adjournment: See you October 7, 2023 at Notre Dame!	

Key for contributed talks (as reported by speakers):

(\*) graduate student (\*\*) undergraduate student (+) of interest to undergraduates (#) of interest to K-12 faculty

For any comments, please contact the 2022-2023 Chair of the Section, Josh Holden, at: [holden@rose-hulman.edu](mailto:holden@rose-hulman.edu)