Program for the Indiana Section MAA Fall Meeting 2023

University of Notre Dame, South Bend

Saturday, October 7, 2023

Hurley Hall (Registration, Snacks & Poster Session) ** Hayes-Healy Center (Plenary & Parallel Sessions)

Holy Cross Dr, Notre Dame, IN 46556

Note: All times listed are in Eastern Time Zone *

9:00 – 9:35 Near Hurley 257	Registration
All day Hurley 257	MAA book kiosk: *computer to order MAA books at discount.* *New MAA books to browse during contributed talks.*
9:35-9:50 Hayes-Healy 127	Welcome David Galvin, Chair of the Department of Mathematics, University of Notre Dame
9:50 – 10:50 Hayes-Healy 127	**Dominic Klyve, Central Washington University,** **Editor of the *College Math Journal*** *Mathematical Fights! The Seedy Underbelly of Mathematical History* **(§), (§§)** *Moderator: Livia Hummel, University of Indianapolis*

Room	Hayes-Healy 229 *Moderator: Justin Lambright,* *Anderson University*	Hayes-Healy 231 *Moderator: David Housman* *Goshen College*
11:00 – 11:25 (25 min)	**Indiana Section NExT Panel:** ***Mentoring Students for Non-*** ***Academic Careers*** Kyle Claassen *Rose-Hulman*	**Maximum Likelihood Degrees of** **Brownian Motion Tree Models (§)** Ikenna Nometa (*) *University of Hawaii at Manoa*
11:30- 11:55 (25 min)	Rick Laugesen *University of Illinois Urbana-* *Champaign* Shane Leib *University of Notre Dame*	**Asymptotically Differential Equations** **(§), (§§)** Daniel Maxin *Valparaiso University*

Student Talks: (*) Graduate Student; (**) Undergraduate Student

(§) Presentation accessible to Undergraduates

(§§) Presentation of interest to K-12 Faculty

Each contributed talk is to be a 20-minute talk followed by 5 minutes for questions

Room	Rohrs Banquet Room	Quinn Family Room (near Banquet Room)
12:10 – 1:10	Lunch	Executive Board Meeting

Room	Hurley 257 & 258
12:50 – 1:40	Poster Session (*), (**), (§), (§§)

Room	Hayes- Healy 229 Moderator: Justin Lambright, Anderson University	Hayes-Healy 231 Moderator: Haris Skiadas Hanover College
1:45 – 2:10 (25min)	**The Knave's Cosmological Theorem (§), (§§)** Tamsyn Morrill *Trine University*	**Derivative gain and singularities for degenerate Laplace equation (§)** Timur Akhunov *Wabash College*
2:15-2:40 (25 min)	**Preferences in Game Theory (§), (§§)** David Housman *Goshen College*	**Mixed volume of networks with binomial steady-states** Mark Curiel (*) *University of Hawaii at Manoa*
2:50-3:00	**Conference Photo** outside of Hayes-Healy	
3:00 – 4:00 Hayes-Healy 127	**Juanita Pinzón, University of Notre Dame** ***Comparing the Topological and the Smooth 4-genus of Satellite Knots (§)*** Joint Work with Alison Miller (Swarthmore College) and Peter Feller (ETH Zürich) *Moderator: Livia Hummel, University of Indianapolis*	

GENERAL ADJOURNMENT

See you April 5-6, 2024 at Marian University!

For any comments, please contact the 2023-2024 Chair of the Section,

Livia Hummel, hummell@uindy.edu

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