PROGRAM for the Indiana Section MAA FALL MEETING 2022
Rose-Hulman Institute of Technology, Terre Haute
Saturday, October 22, 2022
New Academic Building (NAB)
5500 Wabash Ave, Terre Haute, Indiana, 47803

9:00-9:35 NAB Lobby	Registration
All day NAB J202	MAA book kiosk: *computer to order MAA books at discount;* *New MAA books to browse during contributed talks*
9:35-9:50 Myers M137	Welcome *Rick Stamper, Provost and Vice President for Academic Affairs,* *Rose-Hulman Institute of Technology*
9:50-10:50 Myers M137	**Deirdre L. Smeltzer, MAA Senior Director of Programs** ***Spherical Inversions and Applications to Geometry*** Introduction: Josh Holden, Rose-Hulman Institute of Technology

Room	NAB J204 Moderator: Justin Lambright *Anderson University*	NAB J206 Moderator: Colin McKinney *Wabash College*
11:00- 11:25 (25 m)	**Indiana NExT Panel:** ***Being a Mathematician: Beyond Teaching and Research*** Deirdre L. Smeltzer *MAA*	**A method to produce all integral triangles of a given type** Rodney Lynch *Indiana University - Purdue University Columbus*
11:30- 11:55 (25 m)	Darrin Weber *Lirio* Courtney Taylor *Anderson University*	**What do circles look like in the Beltrami-Klein model of the hyperbolic plane?** Robert Foote *Wabash College*

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

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

12:10-1:10 *Faculty/Staff Dining Room* Mussalem Union (Five minute walk from the talks)	Lunch
12:10-1:10 *PiVilion*, adjacent to lower level of Mussalem Union	Executive Board Committee Meeting
12:50-1:50 NAB 2nd floor walkway	Poster Session

Room	NAB J204 Moderator: Ryan Johnson *Grace College*	NAB J206 Moderator: Tiffany Kolba *Valparaiso University*
1:25-1:50 (25 m)	**(Poster Session Continues --- NAB 2nd floor walkway)**	**The history and future of the Indiana College Math Competition** Adam Coffman *Purdue Fort Wayne* Rick Gillman *Valparaiso University*
1:55-2:20 (25 m)	**Game and group theories together** David Housman *Goshen College*	**Best practices for online instruction of mathematics for students who face learning barriers** Haseeb A. Kazi Lance W. Jutze (*) *Trine University*
2:30-2:40 NAB Lobby	**Conference Photo**	
2:40-3:40 Myers M137	**Darrin Weber, Data Scientist, Lirio** ***Bridging the Gap Between Academia and Industry*** Introduction: Livia Hummel, University of Indianapolis	

GENERAL ADJOURNMENT – See you March 31-April 1, 2023
at Indiana University - Kokomo!

For any comments, please contact the 2022-2023 Chair of the Section, Joshua Holden, at:

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