

PROGRAM for the Indiana Section MAA FALL MEETING 2014
Trine University
Saturday, October 18, 2014

8:00–8:40 Hallway, Best Hall of Science	Registration
8:40-2:30 Fawick Hall, Allen School of Engineering and Technology	MAA Book Sale
8:40-8:45 Best Hall Auditorium 229	Welcome by Prof. Craig Laker Dean of the Jannen School of Arts and Sciences
8:45-9:45 Best Hall Auditorium 229	Timothy Comar, Department of Mathematics Benedictine University <i>Undergraduate Mathematical Biology: From the Classroom to Research</i> Introduction: John Rickert

<i>Contributed talks</i>			
Room	Fawick Hall 122 Moderated by: Bill Barge	Fawick Hall 119 Moderated by: Feng Tian	Fawick Hall 117 Moderated by: John Rickert
10:00-10:25 (25 min)	Spectral theory of multiple intervals Feng Tian Trine University		Teaching a Writing-Intensive Mathematics Course Tiffany Kolba Valparaiso University
10:30-10:55 (25 min)	The L²-Gradients & Application to Nonlinear Pseudo-differential Equations Ramesh Karki Indiana University East	From Energy to Entropy to Emergy Dennis G. Collins University of Puerto Rico, Mayaguez, retired	Inverting the Linear Algebra Classroom Melissa Lindsey Indiana Wesleyan University
11:00-11:25 (25 min)	Amorous Bugs and Pursuit Problems Steven A. Schonefeld Trine University	Biological Systems Can Be Random: How to Deal Elizabeth Wolf Saint Mary's College	Fostering Undergraduate Research Haseeb A. Kazi Trine University
11:30–11:55 (25 min)	Green's Theorem Revisited Adam Coffman IPFW	Introduction to Stochastic Models in Population Dynamics Lochana Siriwardena University of Indianapolis	Math Magic Number Blocks and the Wobble-square Method of Multiplication Glenn Collins

student talks: (*) graduate student; (**) undergraduate student

12:00–12:55 Whitney Commons Café, Rick L and Vicki L James University Center	Lunch
12:00–12:55 Bateman Presidential Dining Room, Rick L and Vicki L James University Center	Executive Committee Meeting

Indiana Project NExT Panel Session	
Room	Fabiani Theatre, Rick L and Vicki L James University Center
1:15–2:15 (60 min)	<p>Strategies for Helping Students Transition to Proofs</p> <p>Jeff Leader Tiffany Kolba Katie Merklng Mary Porter</p> <p>Moderator: William Lindsey</p>

student talks: (*) graduate student; (**) undergraduate student

ADJOURNMENT—See you March 13-14, 2015 at Taylor University.