

PROGRAM for the Indiana Section MAA FALL MEETING 2016
Purdue University, West Lafayette
Saturday, October 8, 2016
Richard and Patricia Lawson Computer Science Building (LWSN)
305 North University Street, West Lafayette, Indiana, 47907

8:00-8:35 LWSN Commons	Registration
LWSN Basement	MAA book kiosk: <i>computer to order MAA books at discount;</i> <i>New MAA books to browse during contributed talks</i>
8:35-8:50 LWSN 1142	Welcome <i>Greg Buzzard, Head of Department of Mathematics, Purdue</i> <i>George P. McCabe, Associate Dean for Academic Affairs,</i> <i>College of Science and Professor of Statistics, Purdue</i>
8:50-9:50 LWSN 1142	Ken Ono, Department of Mathematics Emory University <i>Gems of Ramanujan and their Lasting Impact on Mathematics</i> Introduction: Edray Goins

Contributed Talks				
Room	LWSN 1142	LWSN B134 Moderator: John Lorch <i>Ball State University</i>	LWSN B151 Moderator: Joshua Holden <i>Rose-Hulman Institute of Technology</i>	LWSN B155 Moderator: Stacy Hoehn <i>Franklin College</i>
10:00-10:25 (25 m)	Graduate Student Workshop: <i>Being on the Market Part II:</i> <i>On-Campus Interviews</i> Amanda Harsy <i>Lewis University</i>	Derive Power Summation Formulas by Elementary Means Michael Xue <i>Vroom Laboratory for Advanced Computing</i>	A Mathematical Model for Copper Homeostasis in Pseudomonas Aeruginosa Brianna Kozemzak (**) <i>Saint Mary's College</i>	Coding for Elementary Education Majors with Code.org Paul Fonstad <i>Franklin College</i>
10:30-10:55 (25 m)		A Conservative Scheme for an Adaptive Simulation Godfred Yamoah <i>Trine University</i>	When is $a^n + 1$ a Sum of Two Squares? Kylie Hess (**) <i>Rose-Hulman Institute of Technology</i>	Ebola and Snails: Modeling Scenarios for the Classroom Lisa Driskell <i>Colorado Mesa University</i>
11:00-11:25 (25 m)	Indiana NExT Panel: <i>Retaining Students from Underrepresented Groups in STEM</i> Moderator: Zsuzsanna Szaniszló <i>Valparaiso University</i>	A Conjectured Hypercube Invariant in Generalized Gravity Dennis G. Collins <i>University of Puerto Rico, Mayagüez (retired)</i>	On the Onset of Instability in Dissipative Systems Kiah Wah Ong (*) <i>Indiana University Bloomington</i>	Parker-Sochacki Approaches to Delay Differential Equations Vincenzo Isaia <i>Rose-Hulman Institute of Technology</i>
11:30-11:55 (25 m)	Alejandra Alvarado <i>Eastern Illinois University</i> Rodrigo Bañuelos <i>Purdue University</i> Zenephia Evans <i>Purdue University</i>	Color Image Segmentation Using Information Theory and 2D Histogram of the Image Surina Borjigin (*) <i>University of Louisville (KY)</i>	Wavelet Transformation and its Application to Electronic Music Anmol Lamichhane (**) <i>Earlham College</i>	

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

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

12:15-1:15 <i>The Gathering Place</i> Meredith Hall (Ten minute walk from the talks)	Lunch
12:15-1:15	Executive Board Committee Meeting

1:30-2:30 LWSN 1142	Louis Hirsch Kauffman Department of Mathematics, Statistics and Computer Science University of Illinois at Chicago <i>Topology, Quaternions and Octonions</i> Introduction: Daniel Kiteck
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GENERAL ADJOURNMENT – See you March 24-25, 2017 at Earlham College in Richmond!

For any comments, please contact the 2016-2017 Chair of the Section, Daniel Kiteck, at:

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