

Mathematical Association of America
 MD-DC-VA Section, November 4 & 5, 2016
 Johns Hopkins University – Baltimore, Maryland
 Schedule of Speakers

Friday, November 4

Time	Location	Event
2:30 – 3:50	Levering Hall Conference Room A	Section Officers Meeting
4:00 – 6:00	Hodson 213	Workshop: <i>Magma Workshop</i> Keith Mellinger University of Mary Washington
6:00 – 7:00	Levering Hall Levering Lounge	Registration
6:00 – 7:00	Levering Hall The Great Hall	Reception
7:00 – 8:00	Levering Hall The Glass Pavilion	Welcoming Remarks Sunil Kumar, Provost & Senior Vice President for Academic Affairs Johns Hopkins University Banquet Dinner
8:00 – 9:00	Levering Hall The Glass Pavilion	Banquet Address: <i>The MD-DC-VA Section: The First 100 Years</i> Caren Diefenderfer Hollins University Betty Mayfield Hood College Jon Scott Emeritus, Montgomery College

Schedule of Speakers

Saturday, November 5

Saturday activities for Section NExT will be held in Hodson 301.

A special session on Inquiry-Based Learning (IBL) will be held in Hodson 305.

Time	Location	Event
8:30 – 12:00	Hodson 2 nd Floor Lobby	Registration
8:30 – 3:30	Hodson 2 nd Floor Lobby	MAA Book Sale
8:30 – 9:20	Hodson 2 nd Floor Lobby	Coffee / Tea / Water
8:50 – 9:10		Contributed Papers, Session 1
	Hodson 203	Prasad Senesi, The Catholic University of America <i>The Euclidean Geometry of Linear Voting Theory</i>
	Hodson 305	Mitchel T. Keller, Washington & Lee University My IBL Approach to Theoretical Ideas in First-Semester Calculus
	Hodson 311	Brian Heinold, Mount St. Mary's University <i>Probability Questions from the Game Pickomino</i>
	Hodson 313	Long Wang, Johns Hopkins University <i>Identification of Systems with Binary Subsystems: Beyond Reliability</i>
	Hodson 316	Paul Massell, Mathematical Consulting <i>Using the Mathematical Sciences to Protect Data</i>
9:15 – 9:35		Contributed Papers, Session 2
	Hodson 203	Cherng-tiao Perng, Norfolk State University <i>Euclidean Geometry Revisited</i>
	Hodson 216	W. Duckworth, Loyola University Maryland <i>Ideas and Results from a Summer Bridge Program at Loyola University</i>
	Hodson 305	Bob Sachs, George Mason University <i>Towards Guided Reinvention of Riemann Sums and the Fundamental Theorem of Integral Calculus</i>
	Hodson 311	Luca Petrelli, Mount St. Mary's University <i>A Second Chance for a Game of Chance</i>
	Hodson 313	Student: Eric Neyman, Princeton University <i>Anomalous Primes and the Elliptic Korselt Criterion</i>
	Hodson 316	Abdinur Ali, Norfolk State University <i>Theoretical Analysis of Code Emulations and Use of Multiple Sandboxes for Cyber Defense</i>
9:45 – 10:55	Hodson 110	Welcoming Remarks Laurent Younes, Chair of the Applied Mathematics and Statistics Dept. Johns Hopkins University Niku Kitchloo, Chair of the Mathematics Dept. Johns Hopkins University

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		Invited Address: <i>Extreme Calculus</i> Paul Zorn St Olaf College
11:05 – 11:25		Contributed Papers, Session 3
	Hodson 203	Ray Cheng, Old Dominion University <i>Bounds for the Roots of Polynomials</i>
	Hodson 216	Martha Siegel, Towson University <i>The CUPM Curriculum Guide</i>
	Hodson 305	Noble Hetherington III, United States Naval Academy Justin Allman, United States Naval Academy Amy Ksir, United States Naval Academy Megan Selbach-Allen, United States Naval Academy <i>Inquiry-Based Calculus II at the Naval Academy</i>
	Hodson 311	Wendy Hageman Smith, Longwood University A Case-Control Study in a General Education Math Course (Focus on Math Anxiety)
	Hodson 313	Kunbo Wang, Johns Hopkins University Chen Feng, Johns Hopkins University Kaining Yang, Johns Hopkins University <i>Non-Asymptotic Analysis of Iterate Averaging in Stochastic Approximation</i>
	Hodson 316	Student: Lydia Hoffman, American University <i>Effect of Government Type on Terrorist Attacks</i>
11:30 – 11:50		Contributed Papers, Session 4
	Hodson 203	Chris Castillo, Loyola Blakefield <i>Permutation Polynomials and Polynomial Generators of a General Linear Group</i>
	Hodson 216	Amy Shell-Gellasch, Montgomery College <i>Object Based Learning: Using the Smithsonian Collections</i>
	Hodson 305	Marc Michael, Frostburg State University <i>Incorporating Inquiry-Based Learning in a Geometry Course for Future Elementary Teachers</i>
	Hodson 311	Dan Kalman, American University <i>Mystic Secrets of the Yeast: A Cautionary Tale for Teachers of Mathematical Modeling</i>
	Hodson 313	Joseph Slagel, Virginia Tech <i>Stochastic Iterative Methods for Large-Scale Least-Square Problems</i>
	Hodson 316	Ashlee Edwards, Old Dominion University <i>Tumor Virotherapy and Lotka Volterra Dynamics</i>
12:00 – 1:00	Levering Hall The Great Hall	LUNCH
1:10 – 1:55	Hodson 110	Meeting of the General Membership
2:05 – 3:05	Hodson 110	Invited Address: <i>Euler in Two Acts</i> William Dunham Bryn Mawr College

Schedule of Speakers

3:00 – 4:00	Hodson 2 nd Floor Lobby	Coffee / Tea / Water
3:15 – 3:35		Contributed Papers, Session 5
	Hodson 203	Ryan Shifler, Virginia Tech <i>Equivariant Quantum Cohomology of the Odd Symplectic Grassmannian</i>
	Hodson 216	Hasan Hamdan, James Madison University <i>Offering Online Peer-Assisted Study Sessions to Help Students Learn in an Undergraduate Statistics Course</i>
	Hodson 305	Cassie Williams, James Madison University <i>The Case for IBL</i>
	Hodson 311	Ezra Brown, Virginia Tech <i>An Incomplete History of the (7,3,1) Block Design</i>
	Hodson 313	Ana Maria Soane, US Naval Academy <i>Multigrid Preconditioners for Stochastic Optimal Control Problems with Elliptic SPDE Constraints</i>
	Hodson 316	Beth Dodson, Shenandoah University I Love Learning Like This... Five Words that Tell Me I am Doing Something Right
3:40 – 4:00		Contributed Papers, Session 6
	Hodson 203	Sam Eastridge, Virginia Tech <i>First H^p Cohomology of some Infinite Groups</i>
	Hodson 216	Jathan Austin, Salisbury University <i>History of Mathematics for Secondary Education</i>
	Hodson 305	Spencer Hamblen, McDaniel College <i>Students Writing for Students</i>
	Hodson 311	Jonathan Weisbrod, Rowan College at Burlington County <i>RGB in IBL: Discovering Set Operations by Light Mixing</i>
	Hodson 313	Prince Chidyagwai, Loyola University Maryland <i>On Finite Element Decoupling Techniques for Coupled Multi-Physics Flows</i>
4:05 – 4:25		Contributed Papers, Session 7
	Hodson 203	Matt Dellatorre, University of Maryland <i>Dirichlet Duality and Applications</i>
	Hodson 305	Jerome Dancis, University of Maryland at College Park <i>Guiding Small-Group, Inquiry Learning in the Classroom</i>
	Hodson 311	Minah Oh, James Madison University <i>Effective In-Class Programming Projects for STEM Majors</i>
	Hodson 313	Didem Egemen, George Washington University <i>Bayesian Modeling of Virtual Age in Repairable Systems</i>
	Hodson 316	<i>James Case</i> <i>Who Really Proved the Isoperimetric Theorem</i>