Electronic Seminar on Mathematics Education  
http://math.mit.edu/seminars/esme  
2017–2018

Sep 12  Curated Courses in Mathematics  
Petra Bonfert-Taylor, Dartmouth  
Sara Eichhorn, University of California, Irvine  
David Farmer American Institute of Mathematics  
Jim Fowler, Ohio State University

Sep 26  Rolling the dice: Flipping an introductory probability and statistics class  
Jerry Orloff and Jon Bloom, Massachusetts Institute of Technology

Oct 10  Mathematical manipulatives: The MIT Mathlets  
Haynes Miller and Jennifer French, Massachusetts Institute of Technology

Oct 24  From lecture to active learning: Rewards for all, and is it really so difficult?  
David Pengelley, Oregon State University

Nov 7  MAA’s Instructional Practice Guide: Introduction to a new resource  
Beth Burroughs, Montana State University

Nov 21  Transforming the gateway: Redesigning large introductory-level courses  
Teena Gerhardt, Michigan State University

Dec 5  Active learning at Penn: 2013–2017  
Robin Pemantle, University of Pennsylvania

Dec 19  Supporting graduate students for successful teaching experiences  
Emily Braley, Harvard University and Duke University  
Robin Gottleib, Harvard University

Feb 6  Impacting students’ practice of mathematics, especially at critical moments  
Dev Sinha, University of Oregon

Feb 20  Active learning 2.0: Making it inclusive  
Darryl Yong, Harvey Mudd College

Mar 6  The Illinois Geometry Lab: Fostering a culture of undergraduate research and community engagement in mathematics departments  
Jeremy Tyson, University of Illinois at Urbana-Champaign

Apr 3  Mathematics emporium with adaptive technology  
Andrew Tonge, Kent State University

Apr 17  A radical approach to calculus  
David Bressoud, Macalester College

May 1  The Inquiry Oriented Differential Equations Project  
Chris Rasmussen, San Diego State University

May 15  Inquiry based learning calculus  
Angie Hodge, University of Nebraska Omaha
2018–2019

Sep 18  Rising to the challenge of diversifying the mathematics community
Allisa Crans, Loyola Marymount University
Dave Kung, St. Mary’s College of Maryland

Oct 2   Active Calculus
Matt Boelkins, Grand Valley State University

Oct 16  Educating the future professoriate:
Summer Institute for Graduate Teaching Assistants
Catherine Snyder, Peter Turner, Seema Rivera, Clarkson University

Oct 30  The College Mathematics Instructor Development Source (CoMInDS):
Supporting faculty who provide professional development
to the next generation of college mathematics instructors
Jack Bookman, Duke University
Natasha Speer, University of Maine

Nov 13  Ask. Don’t tell.
Alfonso Gracia-Saz, University of Toronto

Nov 27  Teaching students to communicate as mathematicians:
threshold concepts and their application at MIT
Susan Ruff, Massachusetts Institute of Technology

Dec 11  A mathematics learning community on inclusive teaching
Gavin LaRose, University of Michigan

Feb 5   Inquiry and engagement in an interactive classroom
Annalisa Crannell, Franklin and Marshall College

Feb 19  Redesigning a large linear algebra service course – a travel report
Philipp Hieronymi, University of Illinois at Urbana-Champaign

Mar 5   Teaching probability and statistics from a purely Bayesian point of view
Sanjoy Mahajan, Olin College of Engineering

Mar 19  Video textbooks in the active learning classroom
Mike Weimerskirch, University of Minnesota

Apr 2   Inquiry based learning at Michigan
Ralf Spatzier, University of Michigan

Apr 30  Active learning in calculus at Cornell
Steve Bennoun and Tara Holm, Cornell University

May 14  Managing college group work and creating groupworthy tasks
Eric Hsu, San Francisco State University
2019–2020

Sep 10  Course-based undergraduate research experiences: Two examples  
Sunil Chebolu, Illinois State University  
Haynes Miller, Massachusetts Institute of Technology

Sep 24  A focus on student buy-in: Why it matters and what to do about it  
Stan Yoshinobu, California Polytechnic State University

Oct 8  Student-centered assessment of mathematical proficiency  
Benjamin Braun, University of Kentucky

Nov 5  Integrating sustainability into the mathematics curriculum  
Bree Ettinger, Emory University

Nov 19  Incorporating service-learning into math courses  
Sara Billey, University of Washington

Dec 3  Co-creating interactive online exercises  
Annoesjka Cabo, Delft University of Technology

Feb 4  A scalable hybrid introductory ODE course  
Dave Levermore, University of Maryland, College Park

Feb 18  Who are we?: On the diversity and demographics of the mathematics community  
Ron Buckmire, Occidental College

Mar 17  Rick Cleary, Babson College

Apr 14  Eric Stade, University of Colorado, Boulder

Apr 28  Rachel Levy, Mathematical Association of America

May 12  Yvonne Lai, University of Nebraska, Lincoln