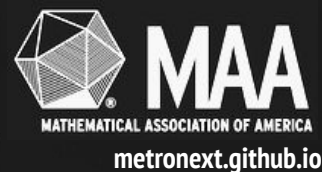


Metro NExT (New Experiences in Teaching) Workshop

Friday September 16, 2022

10am-3pm



Welcome!

The Metro NExT Workshop is a mathematics pedagogy and professional development workshop geared towards graduate students, postdocs, and early-career mathematicians in the NYC metro area and is open to anyone who are interested in learning about new teaching techniques and in making connections with other math educators.

Schedule

- 10:00 AM **Guiding students to become the teachers: the nuts and bolts of student-driven class projects.**
Dr. Angel R. Pineda, Manhattan College
- 11:00 AM **Lightning Talks** (moderated by Andrew Lee)
Lightning talks by workshop participants (see reverse)
- 12:00 PM **Lunch**
- 1:00 PM **Mentoring Undergraduate Research** (moderated by Monica Morales Hernandez)
Dr. Johanna Franklin, Hofstra University
Dr. Ariane M Masuda, New York City College of Technology of The City University of New York (CUNY).
Dr. Angel R. Pineda, Manhattan College
- 2:00 PM **Just mathematics: why and how to teach postsecondary math for social justice**
Dr. Kenan Ince, Westminster College

Zoom Link

Will be emailed to registered participants on September 15, 2022

Invited Speakers

Angel R. Pineda is a professor of mathematics at Manhattan College. He completed his BS in chemical engineering from Lafayette College, his PhD in applied mathematics from the University of Arizona and his postdoctoral fellowship in the Radiology Department of Stanford University. Before working at Manhattan College, he was associate professor of Mathematics at California State University, Fullerton (CSUF). His research studies human and machine signal detection in magnetic resonance imaging (MRI) reconstructions. He is currently the PI of a research grant from NIH, was the PI of a mentoring grant from NSF and has been a mathematical consultant for GE Healthcare. He served in the MAA Subcommittee on Research by Undergraduates. He currently serves on the Committee on Graduate Assistantships in Developing Countries (GRAID) of the International Mathematical Union (IMU). In 2020 he was honored to be included in the Lathisms calendar for Hispanic Heritage Month and in 2021 to be included in the book Testimonios: Stories of Latinx and Hispanic Mathematicians. In his teaching, he uses student projects to help students explore and share mathematical ideas that excite them.

Kenan Ince (they/them/theirs) is a queer, nonbinary, Turkish-Texan mathematician, educator, and poet. Their research interests lie in the fields of knot theory and 3-/4-manifold topology, teaching and using mathematics for social justice, (topological) data analysis, and the mathematical analysis of mechanical games such as Lights Out. They are an Associate Professor of Mathematics at Westminster College, SLC.

Lightning Talk Participants

Rebecca Conley, Saint Peter's University

Benjamin Gaines, Iona University

Richard Gottesman, Hofstra University

Melissa Newell, Iona University

Jeremy J. Reynolds, United States Military Academy

Workshop Organizers

Benjamin Gaines, Iona University

Monica Morales Hernandez, Adelphi University

Andrew Lee, St. Thomas Aquinas College

Other Mathematical Events and Professional Development Opportunities

National MAA Project NExT Fellow

Application Deadline: April 15, 2023. projectnext.maa.org

MAA Metro NY Section Meeting: Spring 2022 (date TBD)

Further information can be found on the section's website: <http://sections.maa.org/metrony/>

The 6th Northeastern Conference on Research in Undergraduate Mathematics Education (NE

RUME) Oct 15, 2022 (online) <https://sites.google.com/view/pcrg/events/nerume/6th-ne-rume-conference>

Joint Mathematics Meetings: January 4-7 2023, Boston, MA.

SIMIODE Challenge Using Differential Equations Modeling (SCUDEM). Deadline for coach and student registration is October 21, 2022. <https://simiode.org/scudem>

Kenan's Slides and Resources:

Slides: <https://prezi.com/view/EY4PoUNXHQz7MfMRoaBK/>

Resources: <https://www.kenanincoe.org/OER4S/>