



Professional Development Webinars

A Slice of Pi Across the Ages

Spring 2019

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Moderator Bio



Mike Houston

T³ National Instructor

Ellwood City, PA

Mike is in his fourteenth year of teaching high school mathematics in Ellwood City, PA. While participating in a TI-Navigator™ Fast-Track in 2007, he learned how technology can effectively cultivate students' wide range of learning styles. During this time, Mike has served as a T³ National Instructor and a contributing author for MathForward™.

Panelists' Bios



Karen Campe

T³ National Instructor

New Canaan, CT

karen.campe@gmail.com

Karen was Instructor of Mathematics Education at Yale University for 15 years and previously taught high school and middle school mathematics for 13 years. She has been a T³ National Instructor since 1998, and has been an author of materials for summer workshops and TI instructional websites. Karen speaks often on how to use technology effectively to enhance student understanding.

Twitter: [@KarenCampe](https://twitter.com/KarenCampe)

Blog: karendcampe.wordpress.com



Irina Lyublinskaya

T³ National Instructor

Plainsboro, NJ

irina.lyublinskaya@gmail.com

Irina is a National T³ Instructor. She has over 30 years of teaching mathematics and physics at the university as well as the high school level. Currently she is teaching at the College of Staten Island/CUNY. She is an author of 16 books about teaching of mathematics and science with technology and has been using various educational technology for over 30 years, conducting workshops for science and mathematics teachers internationally.

Agenda

- Welcome & Introductions
- Discover Pi!
- Archimedes approach 250 BC – geometry
- Geometric darts - probability
- Nilakantha computation – 15th century – infinite series
- Euler formula – 18th century – complex numbers
- Buffon's needle – 18th century – probability

Expected Outcomes:

We will:

- Share activities involving Pi from middle school to calculus
 - » geometry
 - » probability
 - » complex numbers
 - » infinite series
 - » calculus
- Display a variety of Technology tools
- Connect math and history



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Find useful resources, answers to your questions & access to friendly, knowledgeable customer support and technical reps.

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Thank you!

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