

HIGH SCHOOL AND COLLEGE STUDENTS:

NEW YORK INSTITUTE  
OF TECHNOLOGY

# Join Us for New York Tech's Annual Math Day

Don't miss this opportunity to immerse yourself in the world of mathematics and discover the endless possibilities it offers!

**Friday, May 2 from 10 a.m. – 2:30 p.m.**  
**16 W. 61st St., Rm. 822 (New York City campus)**  
**Interested in giving a poster presentation?**

Submit your title and abstract by April 2:

College students: submit to Prof. Baole Wen, [bwen@nyit.edu](mailto:bwen@nyit.edu)

High school students: submit to Prof. Uma Iyer, [uiyer@nyit.edu](mailto:uiyer@nyit.edu)

## What to Expect

**Faculty Insights:** Gain general information about the math program at NYIT. Learn how math strengthens your portfolio in the job market and enhances your prospects in today's competitive workforce.

**Guest Lectures:** Dr. Ethan Berkove, Chair and Professor of Mathematics at Lafayette College, PA will engage the audience in the art of paper folding in origami art and provide an introductory talk on some interactions between mathematics and origami.

Dr. Rama Mishra, Professor from ISSER, Pune, India will demonstrate tricks with knots and the underlying mathematics.

**Discover** how you can apply math knowledge—including calculus, linear algebra, differential equations, and numerical methods—to solve real-world problems in your major. Interact with math major and minor students at NYIT and other colleges during our poster presentation sessions.

**Student poster presentations** from college level high-school participants engaging in mathematical research projects beyond their classroom studies. Prizes will be awarded for the best research posters in each category. Certificates will be given to all poster participants.

Interactive guest lectures will be engaging and fun and involve critical thinking in underlying mathematics.

## Schedule

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|-------------------------|---|
| 10 – 10:05 a.m.         | Opening Remarks   |
| 10:05 – 10:15 a.m.      | Why Math<br>(by Vitaly Katsnelson)  |
| 10:15 – 11:15 a.m.      | Mathematics and Origami:<br>folding, models and art                                   |
| 11:15 a.m. – 12:30 p.m. | Posters by high-school<br>students, judged by NYIT<br>faculty; Lunch will be provided |
| 12:30 – 1 p.m.          | Knotty Mathematics:<br>demonstration and talk   |
| 1 – 2 p.m.              | Posters by college student<br>participants, judged by NYIT<br>faculty                 |
| 2 – 2:30 p.m.           | Certificates, awards and<br>Concluding Remarks  |