

Our light sticks are packed for some Fractal Fun in Brooklyn Bridge Park. Meet us there at 8:00 pm tonight, and help us create what might be the world's largest fractal demonstration of a Koch snowflake.

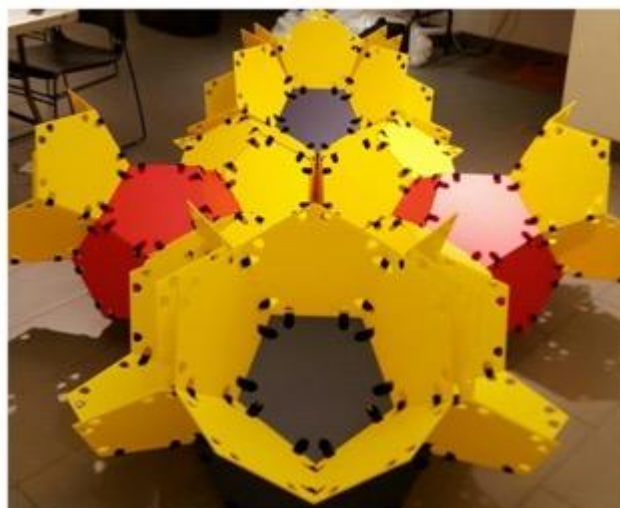
June 4



It might be early June, but MoMath and the @worldscifest just made a snowflake in Brooklyn.  
June 4



From Triangle to snowflake in three simple steps.  
June 4



Join us at the World Science Festival and help us finish off this Rhombic Triacontahedron. Once we're done it will be approximately 10 feet tall! We'll be in Washington Square Park from 10:00 am to 6:00 pm. Hope to see you there.

June 5



Don't let the rain keep you away! MoMath has cool exhibits on the 9<sup>th</sup> floor of the Kimmel Center.  
June 5



Construction of our giant Rhombic Triacontahedron is under way. Stop by the @worldscifest and lend a hand.  
June 5



We had a great time at the @worldscifest. We hope you did too! Stop by MoMath for more fun hands-on learning experiences.

June 5



MoMath would like to thank everyone that stopped by the @worldscifest and lent a hand in creating our giant dodecArt. Here's a look at the final masterpiece.

June 6



Join us tomorrow as we screen the beautiful new documentary Navajo Math Circles. Stick around after the screening for a Q&A with producer/director George Csicsery and math professor Dr. Tatiana Shubin. Screening starts at 6:30pm.  
June 6



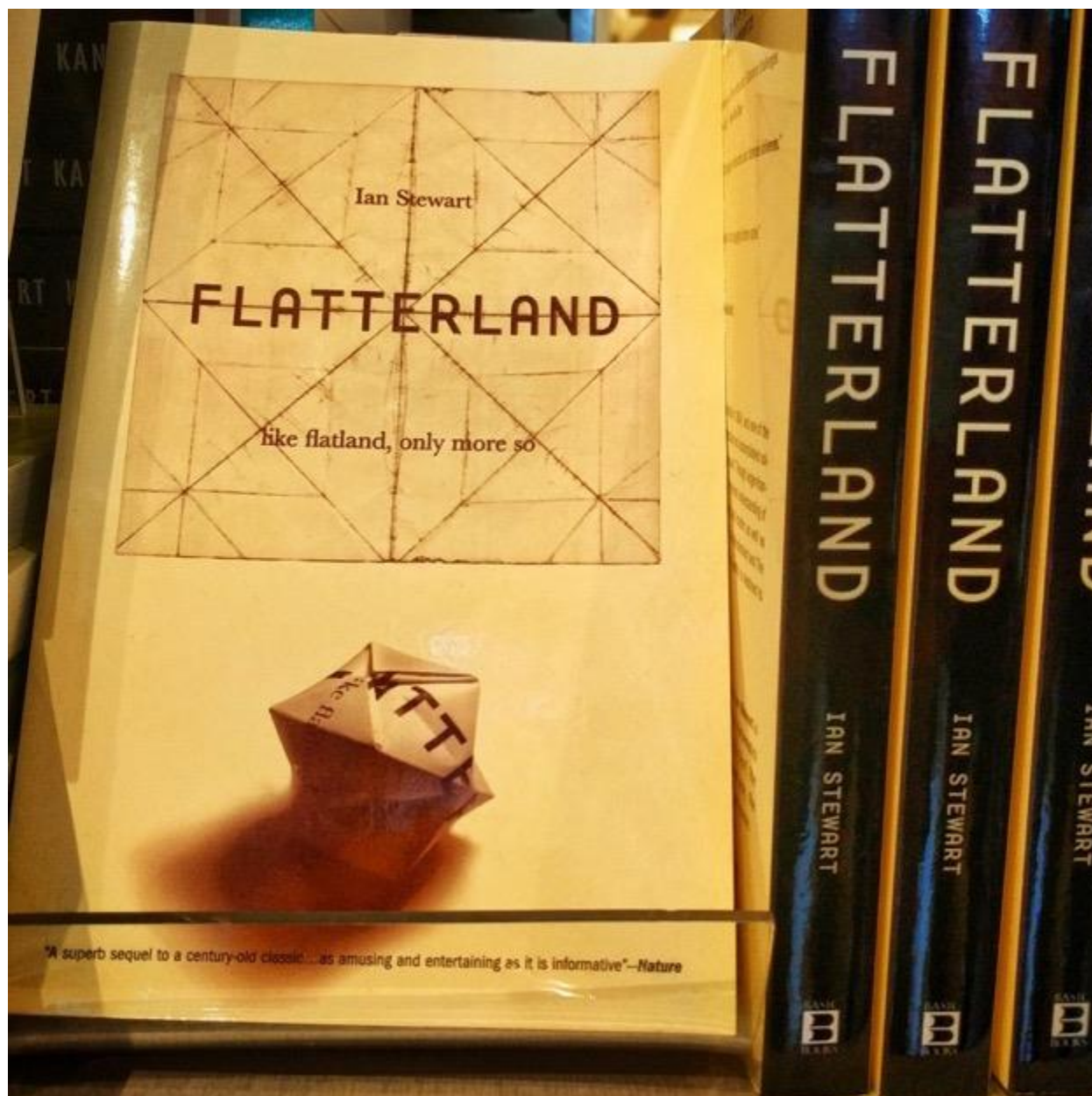
Just under two hours until our special screening of Navajo Math Circles. Learn what happened when middle and high school kids at the Navajo Nation were encouraged to explore mathematics and its connection to Navajo culture. Tickets will be available at the door.

June 7



Tomorrow night, math and music join forces for the Harmonic Series, an exciting quarterly program including live music and an engaging discussion about the artistic and logical intersections of these two disciplines.

June 7



Love mathematics and books? Volumes, the MoMath book club, is just the thing for you. This reading group is designed especially for those interested in mathematics and science and how it affects our lives. Come by tomorrow, June 9, to talk about *Flatterland: Like Flatland Only More So*, by Ian Stewart.

June 8



Thank you to all that attended last night's Harmonic Series. It was an exciting and intriguing exploration of symmetry and math in music.  
June 9



On 12-5-13, MoMath set out to “Pythagorize” the Flatiron Building. Thousands of people lined the streets surrounding the building and used light sticks to prove that it’s a (5, 12, 13) Pythagorean triple!

June 9



Prime Time for Teachers: Explore the nation's only museum of math and learn more about bringing your class to MoMath. Teachers (with valid ID) plus one guest will receive complimentary admission on Thursday, June 23 between 1:00 pm and 5:00 pm.  
June 9



A recent visitor creation at MoMath's Structure Studio. It looks like they had a hoot playing with ITSPHUN Geometric Art pieces.

June 10



Behind the scenes prior to last month's Unbounded, MoMath's 21 and over evening. Join us on June 30 and help celebrate LGBTQ Pride with a disco-themed night!

June 10



Don't miss MoMath amidst the excitement of this weekend's BBQ event. Let our flags and banners guide your way from good food to good fun!

June 11



MoMaths' stunning stereographic images, created by precisely engraved reflective grooves in metal plates. Stop by the Museum and see what happens when you change the angle of the light.  
June 12



This past winter, over 350 participants created an amazing 20-meter heptagram to commemorate the geometry of the winter solstice in New York City. With the weather warming up, it's time to celebrate summer! On June 20, come out to the Flatiron Plaza at 23rd and Broadway to help MoMath celebrate the mathematical significance of the summer solstice in New York City.

June 13



June 27 is National Sunglasses Day. Show up at MoMath on June 27 sporting your favorite pair of shades and receive free admission between 1:00 pm and 5:00 pm.

June 13



Help MoMath pilot its new tour system! All guests on Tuesday, June 28 receive free admission to the Museum, and will also be offered the chance to take a deep dive into an exhibit or two. Pre-registration is required for all tours; visit [tour.momath.org](http://tour.momath.org) for more information and to register.

June 14



Join the MoMath crew on June 29 to help finish off the DaVinci Dome. This impressive spanning structure uses an ingenious and elegant system of specially notched wooden beams and is based on the work of the great Renaissance architect and mathematician, Leonardo DaVinci. Admission is FREE ALL DAY and the build begins at 1:00 pm.  
June 15

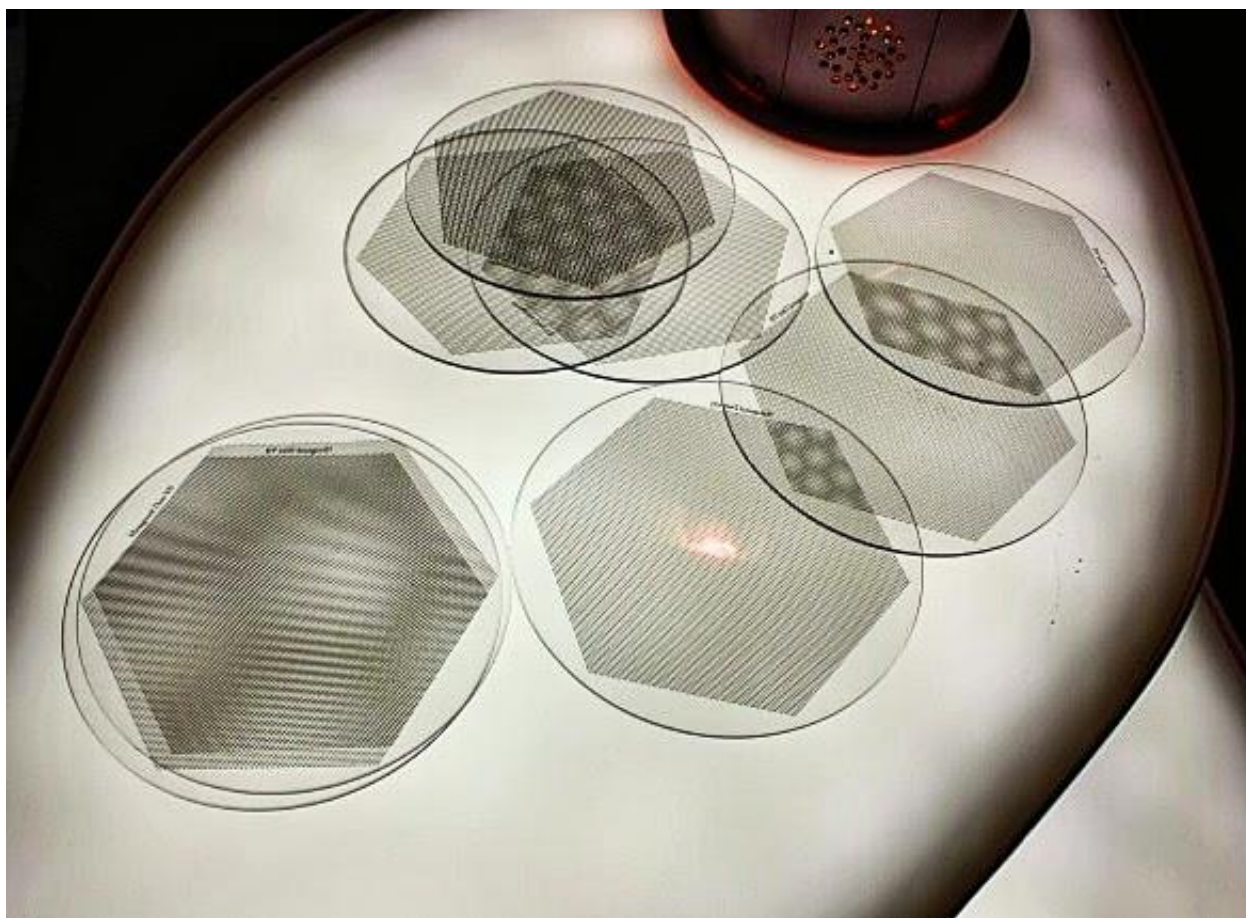


MoMath is rolling back the price of admission for its next Unbounded, the Museum's 21 and over evening event. For \$15 you'll get admission to the museum, a drink, and food. To top it all off, we'll have a live DJ spinning for the evening. Check out our website for more info.  
June 16



Sometimes it's hip to be square! Visit MoMath and see how these tricycles with square wheels work. Of course, the best way to learn is to do, so take a spin on the trike and experience the wonders of mathematics firsthand.

June 17



At MoMath's Pattern Mesh exhibit, visitors place two discs with patterns of closely spaced lines, curves and dots together to create what's called a moiré. Turn one disc and the pattern will appear to shimmer.

June 18



@ariannahuff is a MoMath fan!  
June 19



Stop by the Flatiron Plaza at 23<sup>rd</sup> and Broadway and help MoMath celebrate the summer solstice. We'll be assembling a ten-foot ten-pointed star which captures the math of the summer solstice. June 20



MoMath took to the streets with this gigantic geometric construction outside the city's landmark Flatiron building.

June 20

A promotional poster for MoMath's Disco Night. The background is a blue-tinted photograph of a man and a woman smiling and dancing. The MoMath logo, featuring a stylized pi symbol, is at the top center. The word 'unbounded' is written vertically in large white letters on the right side. The text 'DISCO NIGHT' is prominently displayed in the center. Below it, a paragraph describes the event as a disco party celebrating LGBT Pride Month. A registration link is provided. To the right, event details include the location, date, time, and pricing, which features a 'rollback pricing' offer of \$15. A note specifies that the event is for 21+ and includes a free drink and snacks.

**MO MATH**  
NATIONAL MUSEUM OF MATHEMATICS

# DISCO NIGHT

Join the disco party with MoMath! DJ Emille spins the tunes that got everyone dancing in the 70s. And since June is LGBT Pride Month, what better time to celebrate the decade that ignited the LGBT rights movement?

REGISTER AT:  
**[unbounded.momath.org](http://unbounded.momath.org)**

**\$15  
rollback  
pricing**

National Museum  
of Mathematics  
11 East 26th Street  
Thursday, June 30  
6:30 PM - 9:30 PM  
~~Admission: \$25~~  
21+ (ID required).  
One free drink and snacks  
included with admission;  
additional drinks available  
for purchase.

**unbounded**

Join MoMath in celebrating LGBT Pride Month at the next Unbounded. This 21+ evening includes a live DJ, food, and a drink, all for just \$15!

June 21



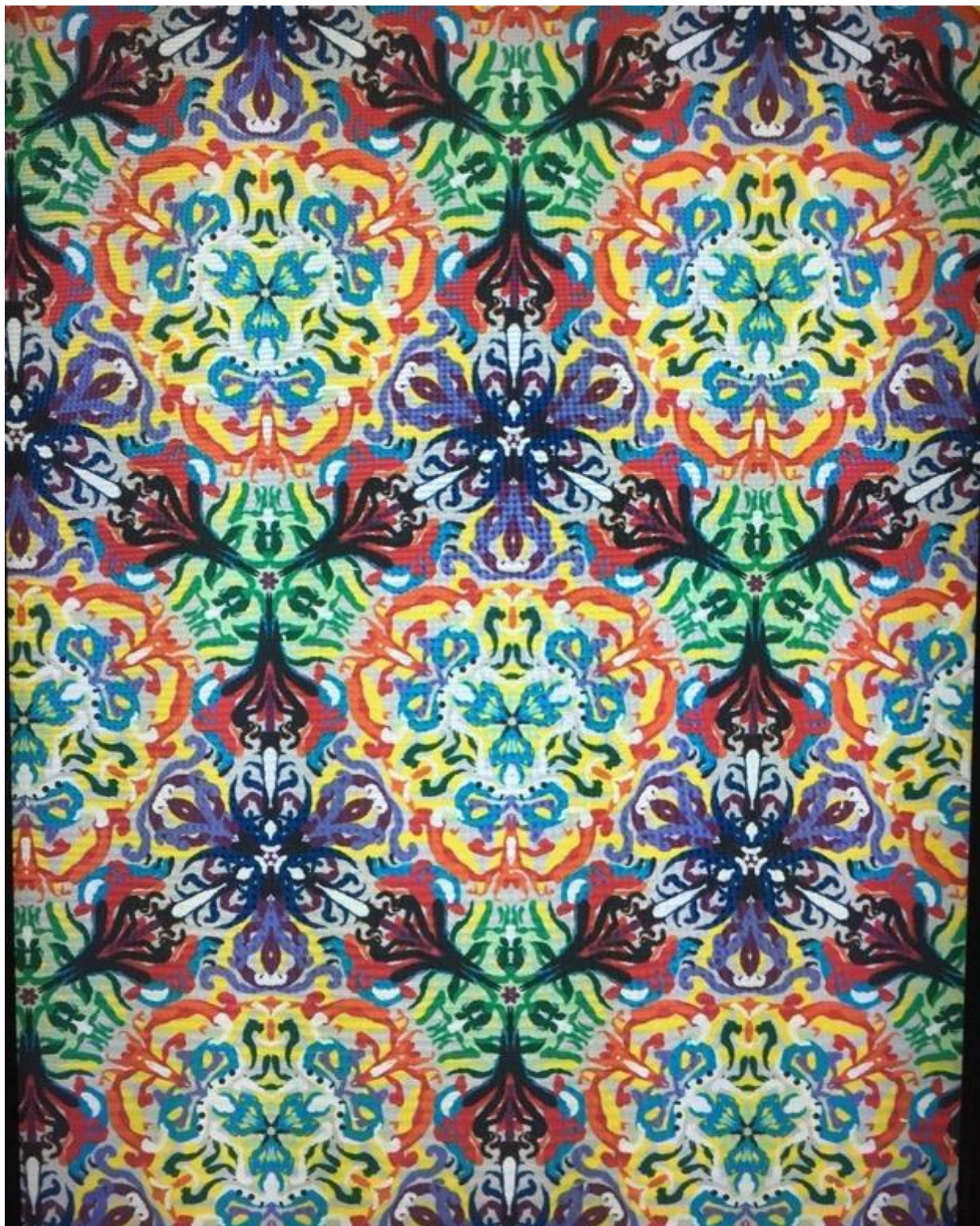
Attention all teachers! Explore the nation's only museum of math and learn more about bringing your class on a field trip to MoMath. Tomorrow afternoon, teachers (with valid ID) plus one guest will receive FREE ADMISSION between 1:00 pm and 5:00 pm.  
June 22



on 12.12.12 MoMath flipped this switch to ceremoniously open and celebrate the nation's only Museum of Math. This switch can still be found on the Museum floor.  
June 23



MoMath is a great place for kids of all ages, which is why all college students and senior citizens that stop by tomorrow will gain FREE ADMISSION to the Museum. Valid IDs required.  
June 23

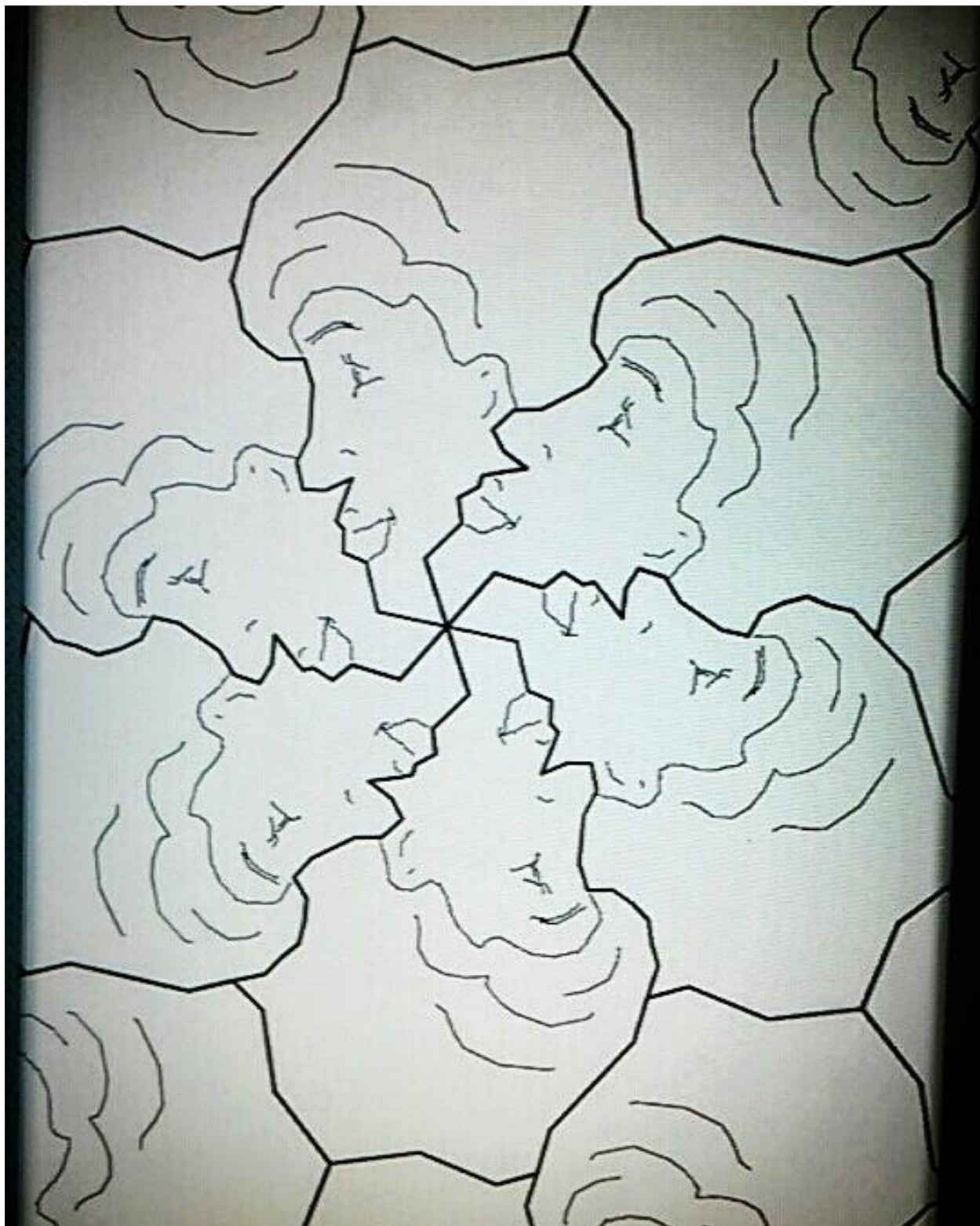


This masterpiece was created by a MoMath visitor at the Polypaint exhibit. Just choose your favorite symmetry pattern and paint. The exhibit will do the rest.

June 24



Monday is National Sunglasses Day! Stop by the Museum wearing your favorite shades from 1:00 pm to 5:00 pm and gain FREE ADMISSION. Don't have a pair? No need to worry. This stylish set just arrived in our retail shop.  
June 25



This is not the many-faced exhibit. This is the Tile Factory exhibit of MoMath. Using tessellating patterns we were able to create many faces.

June 26



It's National Sunglasses Day! Visitors who stop by from 1:00 pm to 5:00 pm wearing their favorite pair of sunglasses will gain FREE ADMISSION. Don't forget to take a picture of yourself in the museum and tag us.

June 27



This Thursday, MoMath will hold its 21+ evening event, Unbounded. Admission includes food, a drink, and a live DJ. Make sure to get your foot in the door and take advantage of rollback pricing while it lasts.  
June 27



Today, MoMath is piloting its new tour system! Guests to the museum will receive FREE ADMISSION and, on a first-come, first served basis as space permits, may be offered the chance to take a deep dive into an exhibit.  
June 28



It's the final day of MoMath's Free Play Days! Enjoy Free Admission all day, plus join the MoMath crew at 1:00 pm to prototype an impressive spanning dome structure using a system of specially notched wooden beams.

June 29



Building off the work of great Renaissance mathematician, Leonardo DaVinci, visitors put together a dome using nothing more than specially notched wooden beams.  
June 29



MoMath makes probability interesting to evening the youngest visitors.  
June 30



Do a little dance. Work out a little math. Get down tonight.  
June 30



Thanks to everyone who stopped by last night's Unbounded. We had a great time and hope you did too. A very special thank you goes out to OppenheimerFunds for sponsoring this exciting event that celebrated Pride month and the music of the 70s.

July 1



Guess who stopped by the museum today? It's Nate Silver, statistician and writer, best known for his work analyzing baseball stats and elections. See Nate in person this October: [gala.momath.org](http://gala.momath.org).

July 1

# MATH ENCOUNTERS



## ENIGMATIC *figures:* *the* RAMANUJAN *legacy*

This Wednesday, Ken Ono discusses Srinivasa Ramanujan, a self-trained amateur mathematician whose ideas befuddled the accumulated wisdom of mathematicians in the early 20th century. Special introduction by Devika Bhise, leading actress from "The Man Who Knew Infinity." Visit [mathencounters.org](http://mathencounters.org) for more info.  
July 2



Anyone who can fold a piece of paper can transform paper strips into hexagons and squares. But can you flex them to reveal the colors hidden in the folds? Join Flexagon expert Ann Schwartz at this month's Family Friday, sponsored by Time Warner Cable, and learn the surprising geometry that allows multiple faces to appear and disappear like magic. Visit <http://momath.org/family-fridays> for more info

July 3



Wishing everyone a happy and safe 4<sup>th</sup> of July. MoMath will be open from 10:00 am to 5:00 pm, so stop by before you head to your 4<sup>th</sup> of July celebrations and create your own repeating symmetrical fireworks scene, like this one created at the Museum's Polypaint exhibit.

July 4



Did you know that there are hidden mathematical secrets throughout the Museum? The most popular is likely the pi door handles. How many hidden secrets have you discovered during your visits?

July 5



Leading actress and math advisor from the movie *The Man Who Knew Infinity* are on site at MoMath. It's not too late to come see them at 6:45 pm tonight!  
July 6



Prior to opening its doors, MoMath created a traveling exhibit called Math Midway that toured around the country. Here's an aerial shot of the exhibit at the World Science Festival on June 14, 2009.

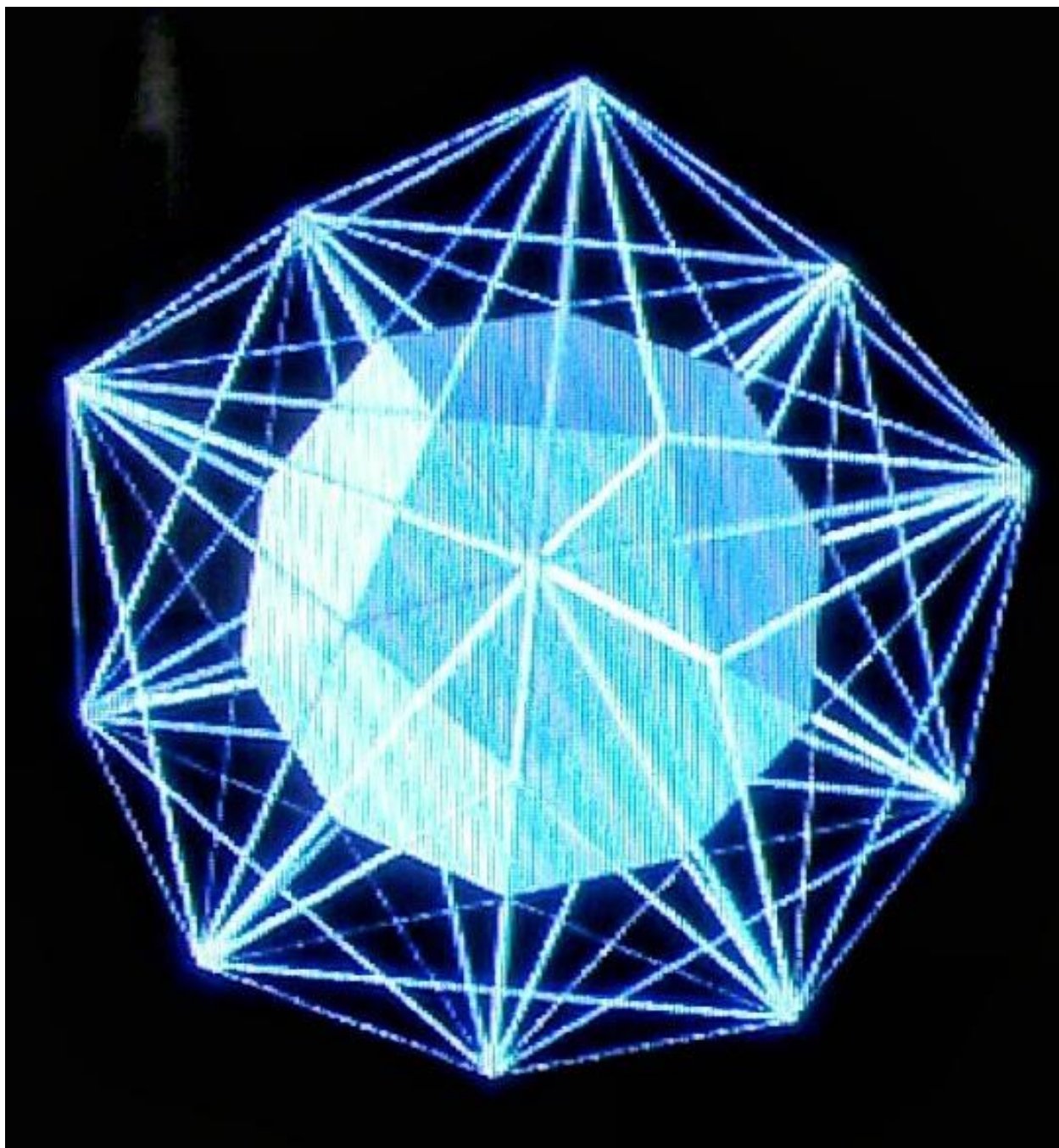
July 7



*Note – This is a video so image is blurrier than on Instagram. Bottom image is a video of the final product going through its stages.*

Folding a single strip of paper made up of equilateral triangles, visitors were able to make the bottom shape.

July 8



A visitor creation at the Mathenaeum exhibit, where you can transform basic shapes into unique three dimensional structures.

July 9



Six sides not enough for you? Stop by Additions, the shop at MoMath, and check out the new 120-sided dice, like the one shown here. Your likelihood of loving them is far greater than your likelihood of rolling any specific number.

July 10



Why install regular sinks when you can have pentagonal sinks with triangular bases? Another one of the many hidden mathematical gems around the Museum.

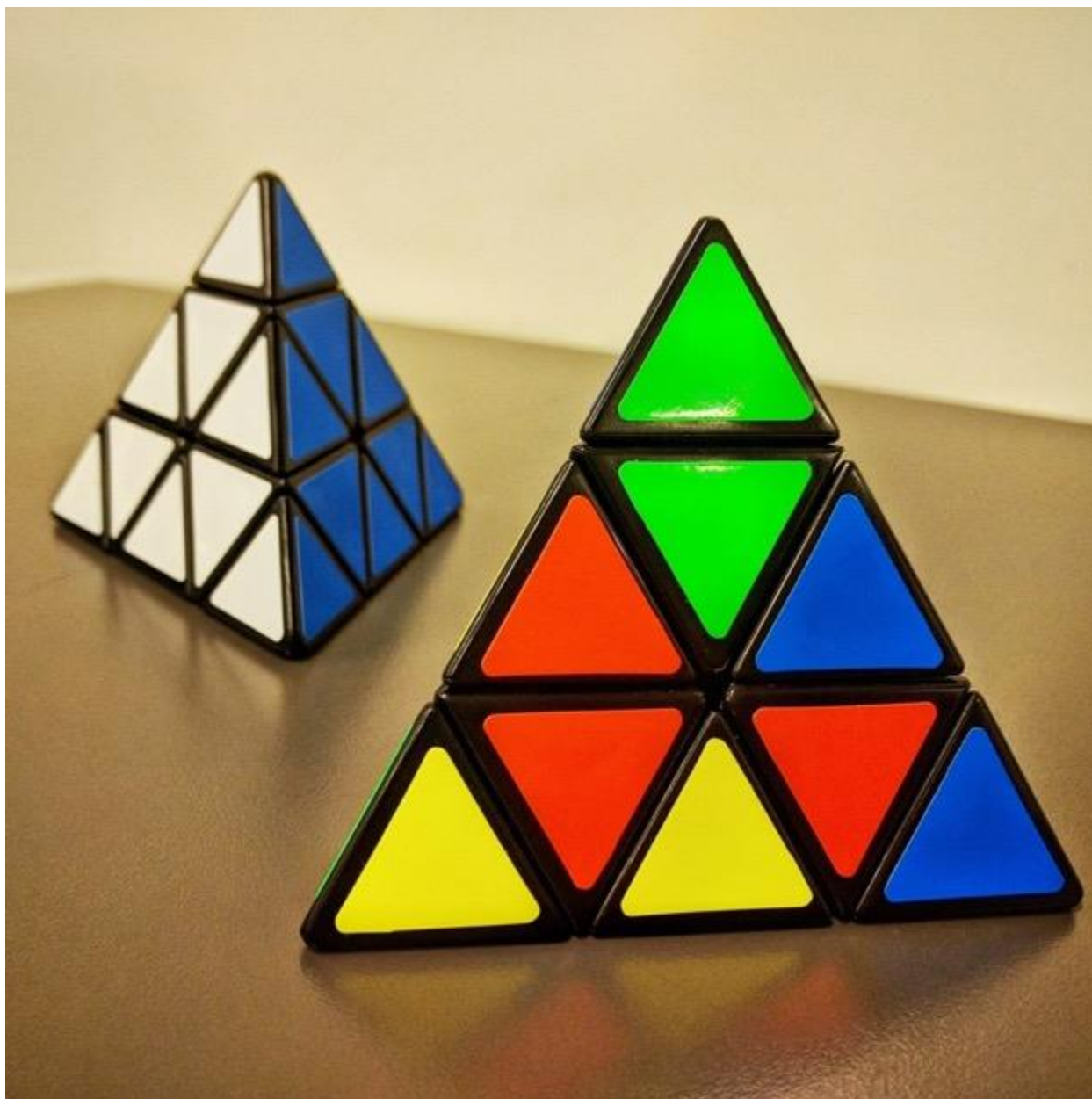
July 11



*Note – Top and bottom images are videos. Top shows reflections of light passing along the wave. Bottom shows all slats moving creating the appearance of horizontal motion.*

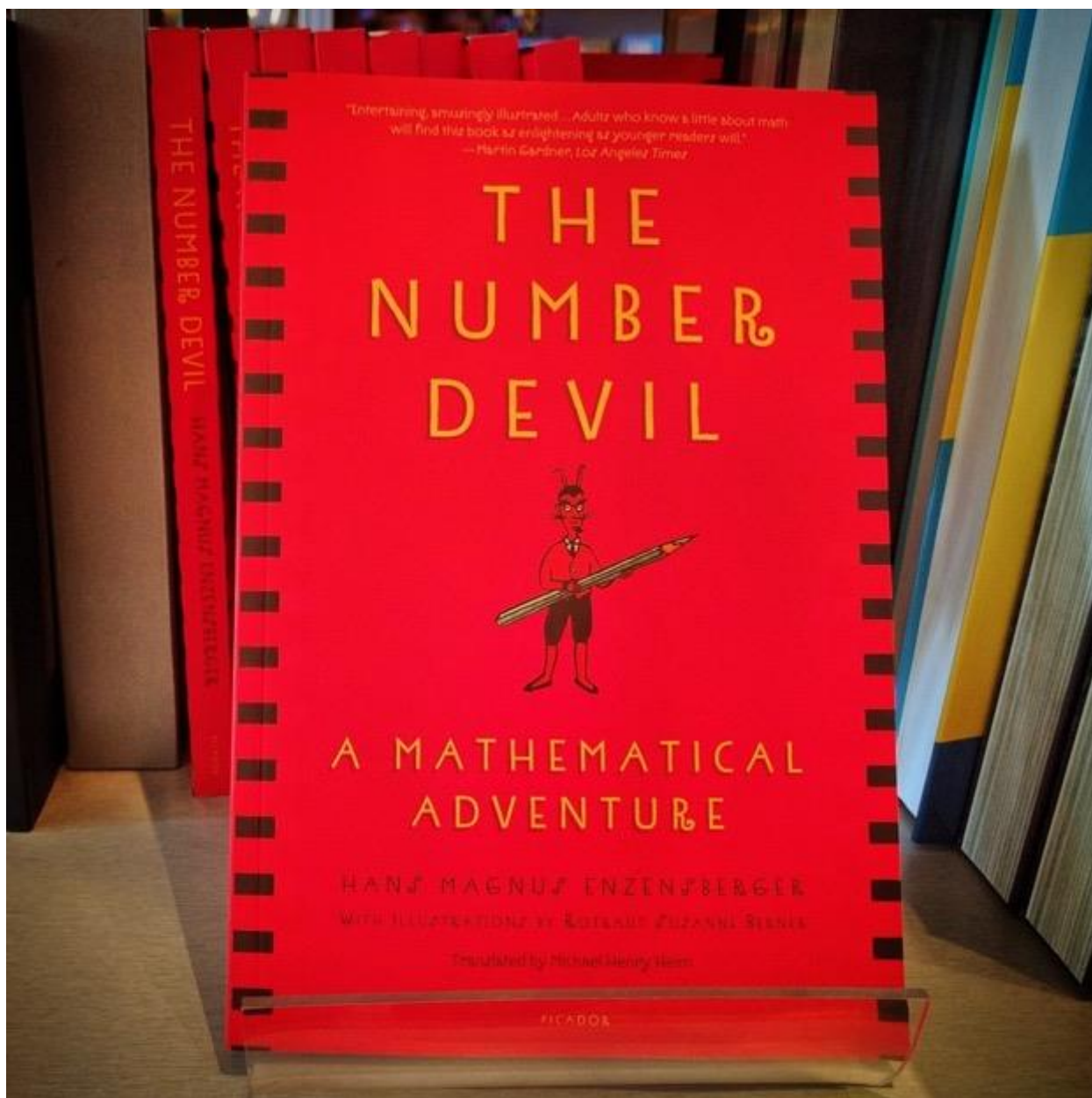
MoMath's Dynamic Wall showcases a wide variety of wave phenomena and combinatorial algorithms as part of a gigantic moving wall sculpture. Don't miss your chance to create new programs for this large scale kinetic display, coming soon.

July 12



MoMath has deployed a new puzzle in the Enigma Café. The Pyraminx is similar to the Rubik's Cube, but instead of a cube, it's in the shape of a tetrahedron. This is the first of several changes in the Enigma Café.

July 13



MoMath brings its popular Volumes book club to a younger audience. The new book club for Tweens and Teens (ages 10-15) will meet on Thursday, July 28 to talk about *The Number Devil* by Hans Magnus Enzensberger. After the discussion, stick around to celebrate the joy of math and reading with a pizza and ice cream party. Get your copy of the book from Additions, the shop at MoMath. For more information and to register, visit [tweenprimes.momath.org](https://tweenprimes.momath.org).  
July 14



You're never too young or old to explore math. Join MoMath on the plaza at 28 Liberty to experience MM2Go, MoMath's traveling exhibit, on July 26. Stop by any time from 11:00 am to 3:00 pm! [events.momath.org](http://events.momath.org)  
July 20



Catch us on the Plaza at 28 Liberty for Math Metropolis, a festival of math fun. Experience Math Midway 2 Go, a suite of six hands-on exhibits highlighting the wonders of mathematics, brought to you by the National Museum of Mathematics and Fosun / 28 Liberty. The fun ends at 3:00 pm so hurry on down.

July 26



Calling all Pokémon Go players. MoMath is a PokéStop! Join Rattata in visiting the Museum and load up on your Pokémon essentials between exhibit interactions.  
July 27



Enter MoMath's cylindrical chamber and spin it until you create this doubly ruled curved surface known as a Hyperboloid.

July 28



Math Midway 2 Go was on display during Monday's Math Metropolis event at 28 Liberty. Learn more about bringing Math Midway 2 Go to your venue at <http://mathmidway.org/mm2go/> July 29

# MATH ENCOUNTERS

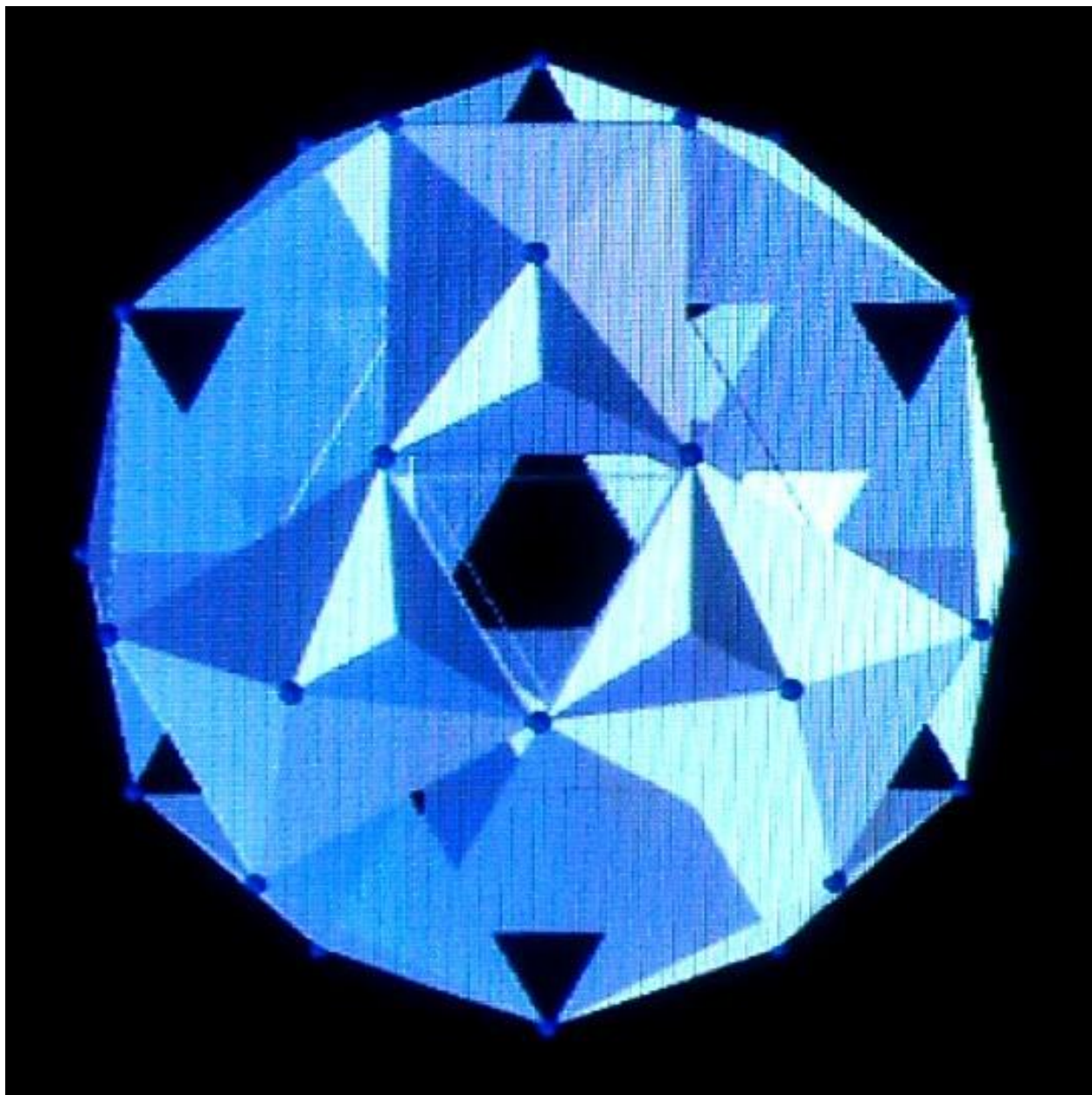


## OPEN BOOK: *how PATTERNS make us* SURPRISINGLY PREDICTABLE

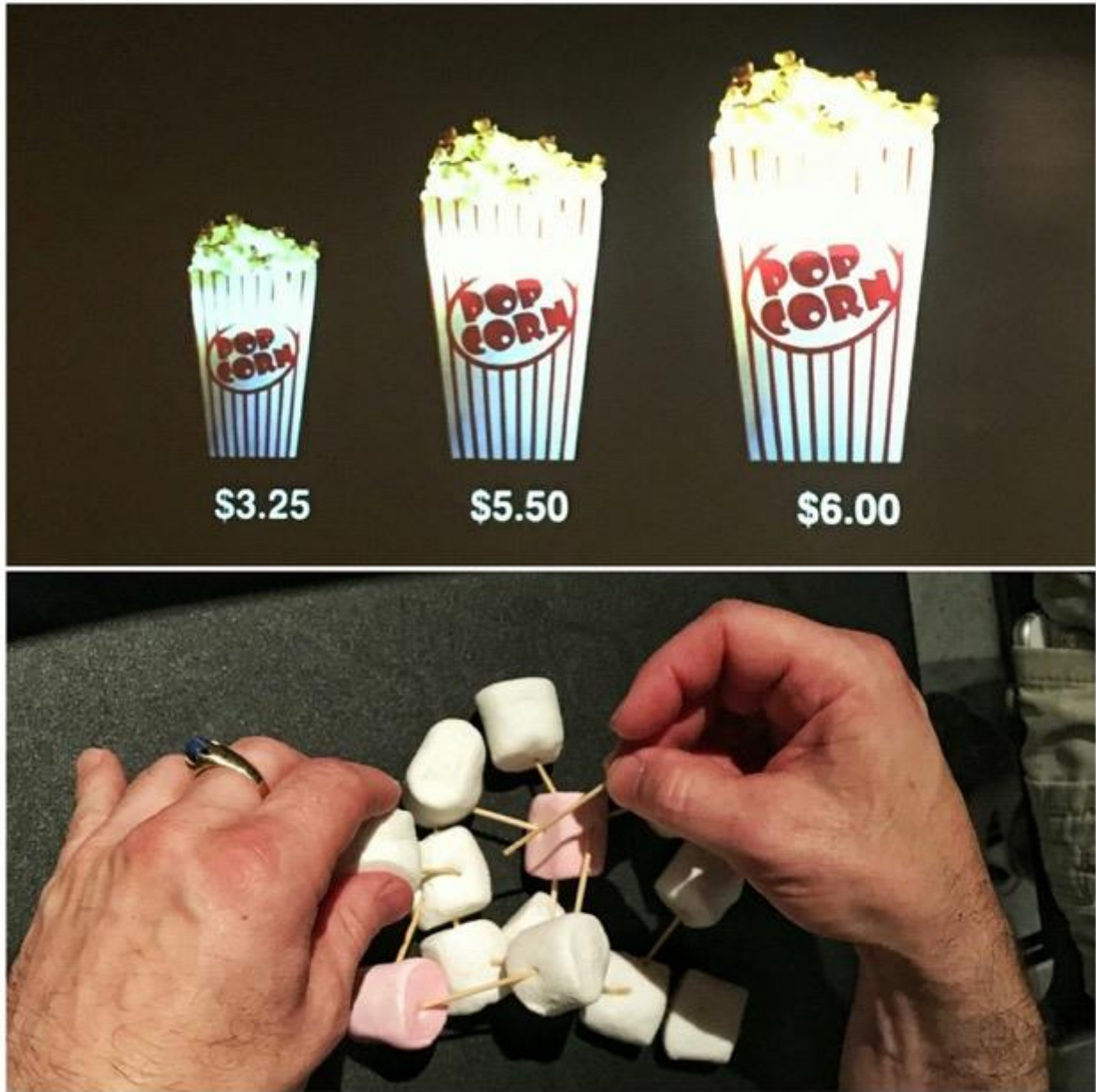
Mathematician Hannah Fry reveals the surprisingly simple mathematical patterns that unite us all and demonstrates how the capture of data tracing human behavior has the potential to shape the way we view the world around us. To learn more visit [mathencounters.org](http://mathencounters.org)  
July 30



Join designer/woodworker Jane Kostick and early childhood educator Sharon Kulik for an evening of hands-on exploration of repeating patterns, negative space, and one of their favorite 3D shapes, the rhombic dodecahedron. Learn more at [familyfriday.momath.org](http://familyfriday.momath.org)  
July 31



A recent visitor's creation at MoMath's Mathenaeum exhibit.  
August 2



Tonight's Math Encounter speaker, Dr. Hannah Fry, showed the audience how the "decoy effect" is used to sell more popcorn and used marshmallows to explain social networks.

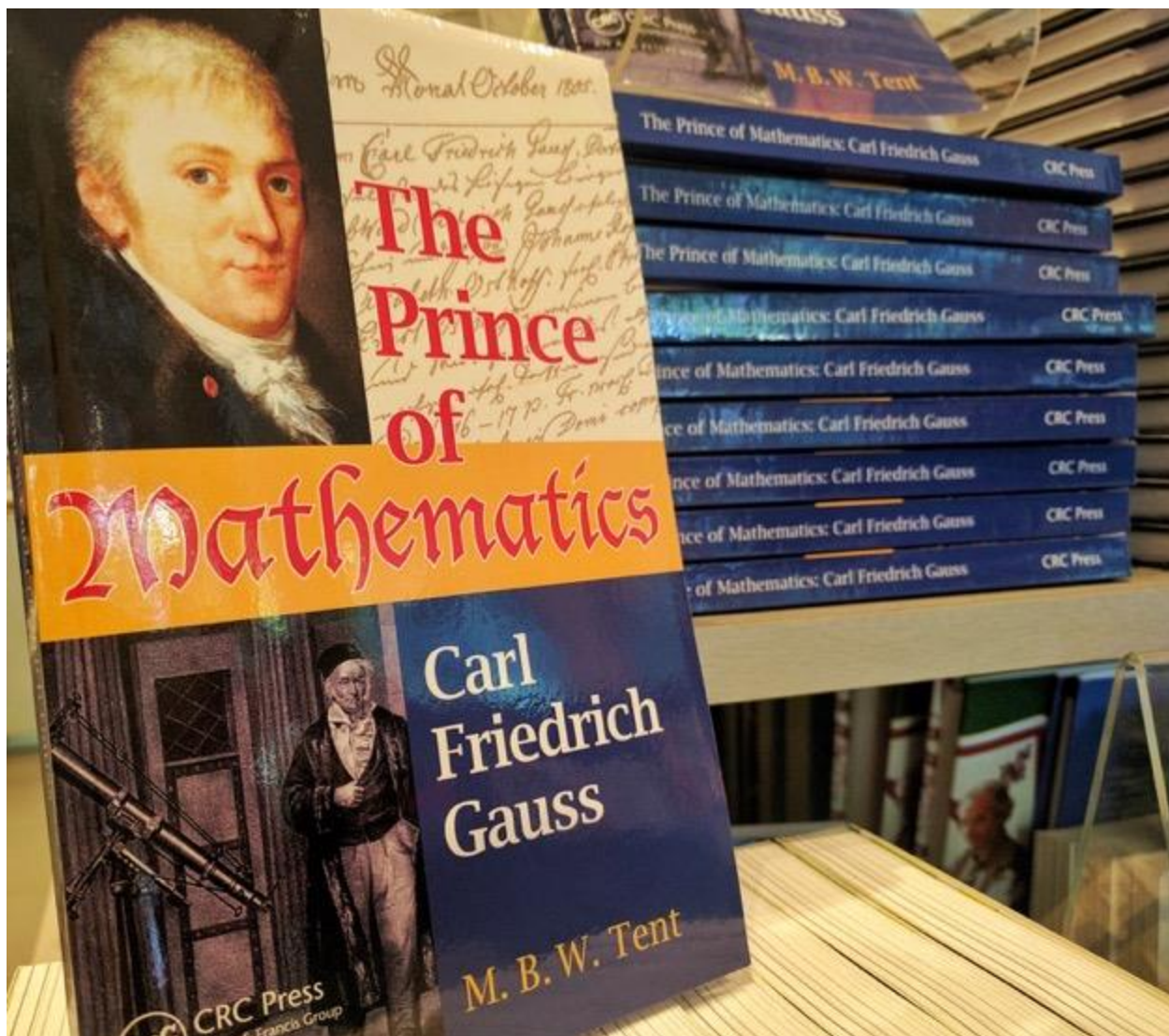
August 3



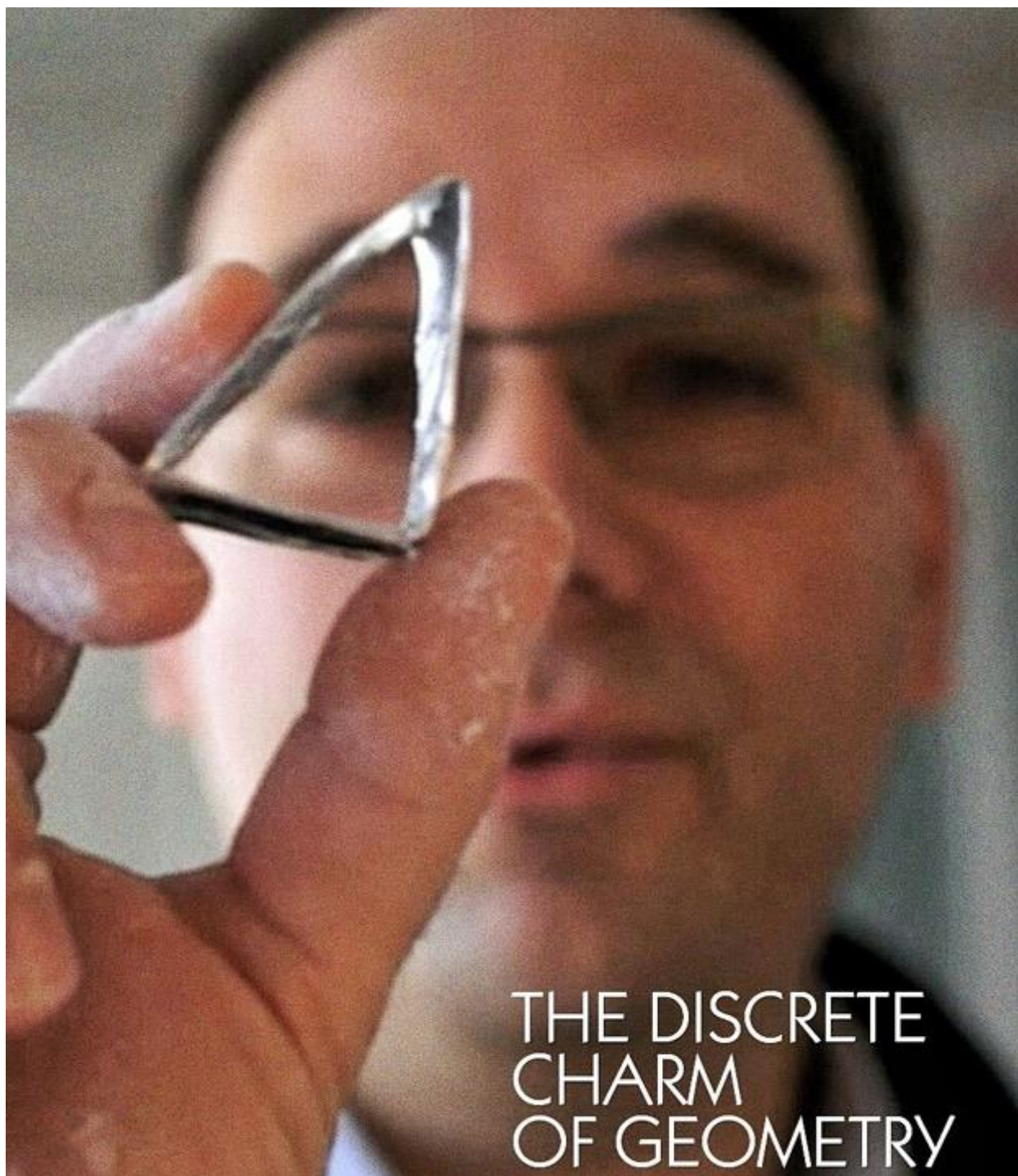
MoMath's Coaster Roller exhibit went through many iterations before it became a fan favorite. Take a look at a prototype of the final version and the completed exhibit.  
August 4



Families, playdough, geometry, and fun – only at MoMath's Family Fridays, brought to you by Time Warner Cable.  
August 6



Encourage your children's summer reading and treat them to a fun time at MoMath with pizza, ice cream, and The Prince of Mathematics. Sign up your tween (ages 10 - 15), or learn more, at [tweenprimes.momath.org](https://tweenprimes.momath.org)  
August 6



## THE DISCRETE CHARM OF GEOMETRY

Don't miss Ekaterina Eremenko's latest film, giving us an inside view of the world of mathematicians and the challenges and beauty of mathematical discovery. Learn more at [discretecharm.momath.org](http://discretecharm.momath.org)

August 9



Did you ever notice that the front vestibule of the Museum is a cube and that its hexagonal cross section is highlighted? Just follow the red line around the vestibule and count the sides to discover another hidden mathematical gem at the museum.

August 10



The shortest distance between two points is a straight line, but is it also the fastest? At MoMath's Tracks of Galileo exhibit, visitors get to adjust the track's shape and see how it changes the time needed to complete the path. Spoiler alert: The answer might surprise you.

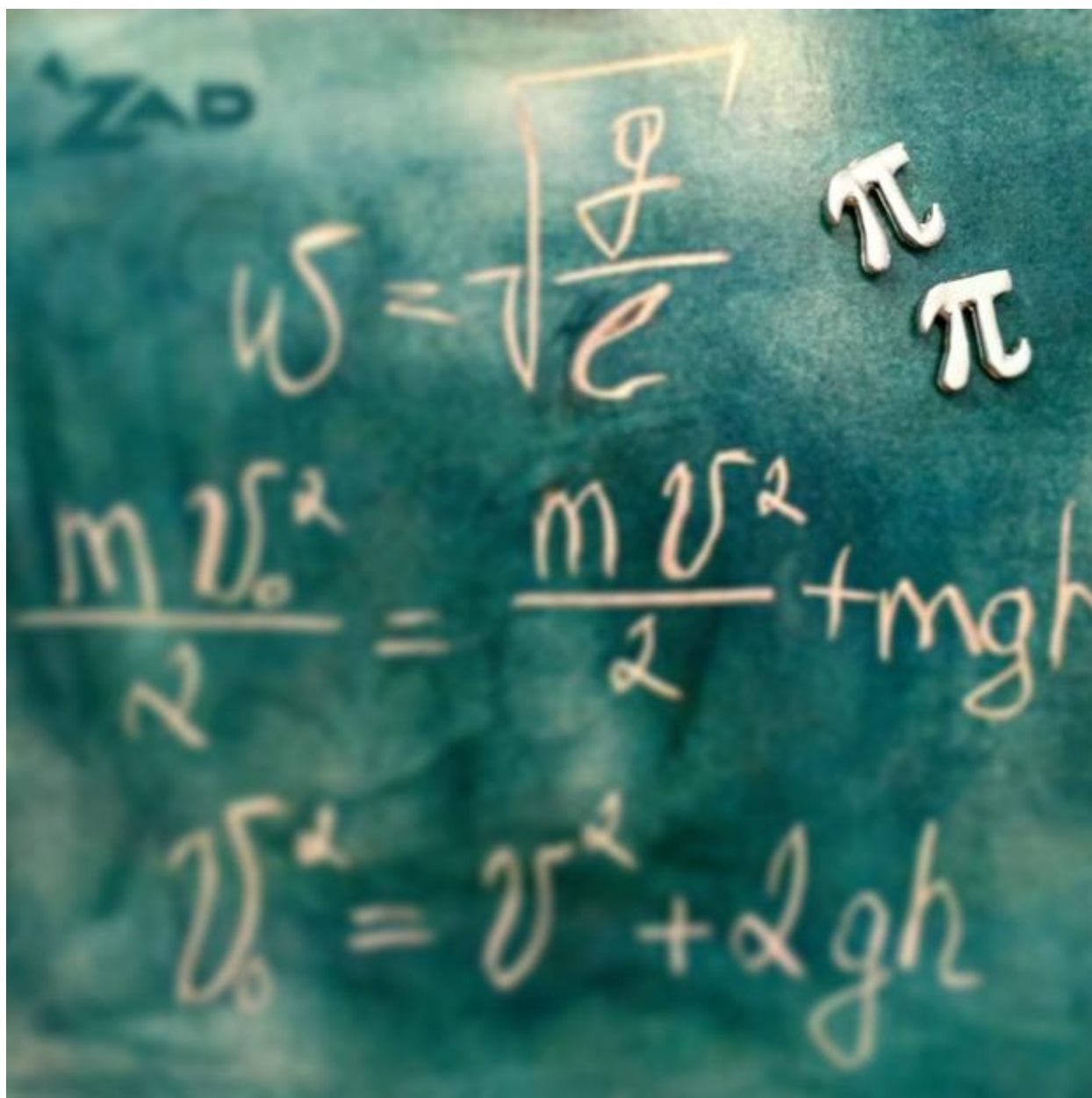
August 11



KEEP  
CALM.  
TWISTED  
THRUWAY  
IS COMING!

MoMath is excited to announce its newest exhibit, Twisted Thruway, will open to the public on Friday, September 16. Visitors will be able to drive remote-controlled cars on a Möbius Strip and on the surface created by a trefoil knot.

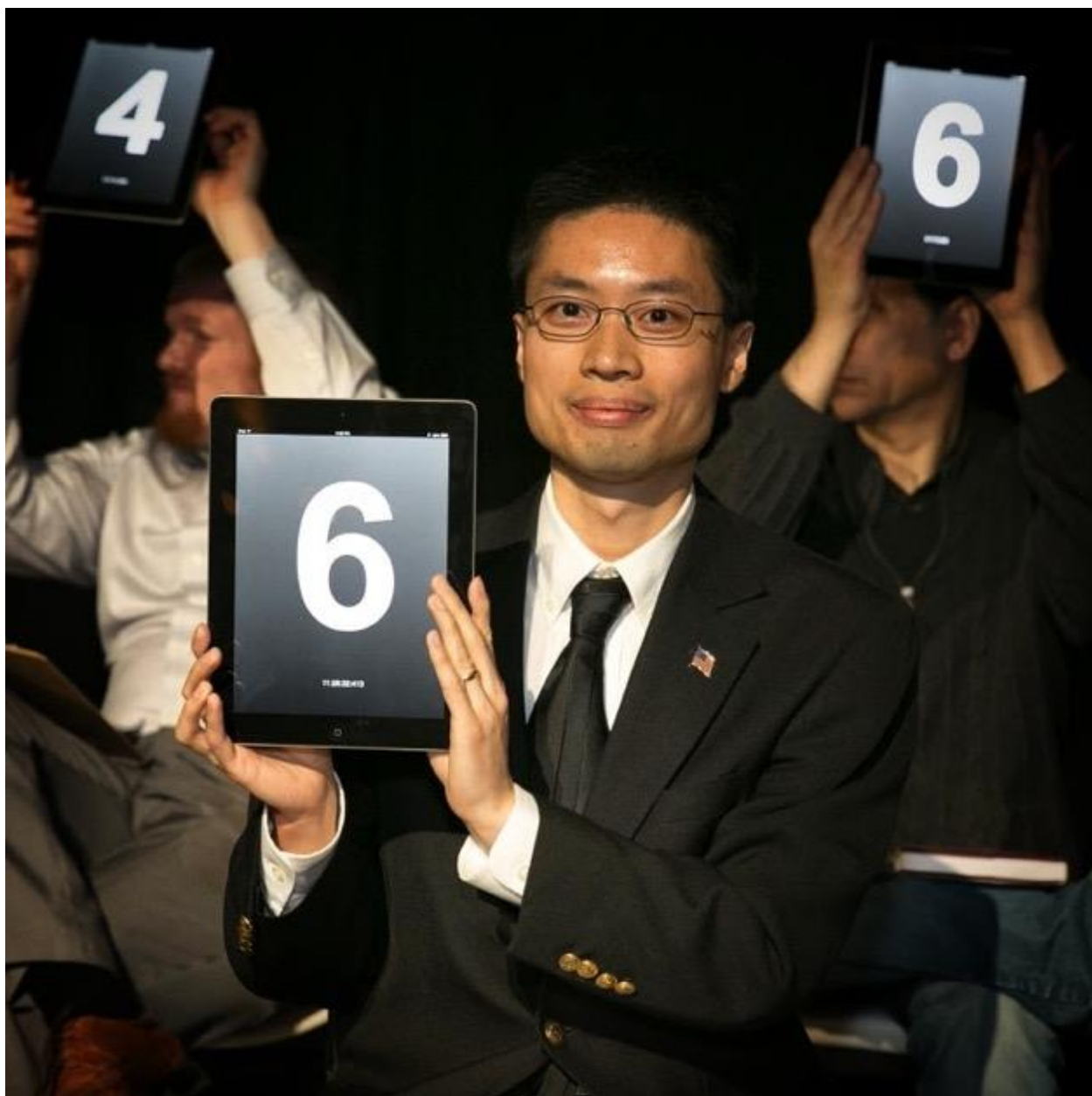
August 12



Looking for a subtle way to let people know how you really feel about math? Stop by Additions, the shop at MoMath and pick up a pair of pi studded earrings.  
August 13



Today, Oppenheimer Funds sponsored 240 Boys and Girls Club campers for a day at the Museum. As the campers made their way through the museum, 36 volunteers from Oppenheimer Funds helped to interpret the Museum's interactive math exhibits.  
August 17



Join Po-Shen Loh, two-time winning coach of the first place USA Math Olympiad Team, as he shares puzzles and paradoxes that show how mathematical reasoning can help us make sense out of thought-provoking challenges. Learn more at [puzzle.party.org](http://puzzle.party.org)  
August 17



\*Note: This is a video

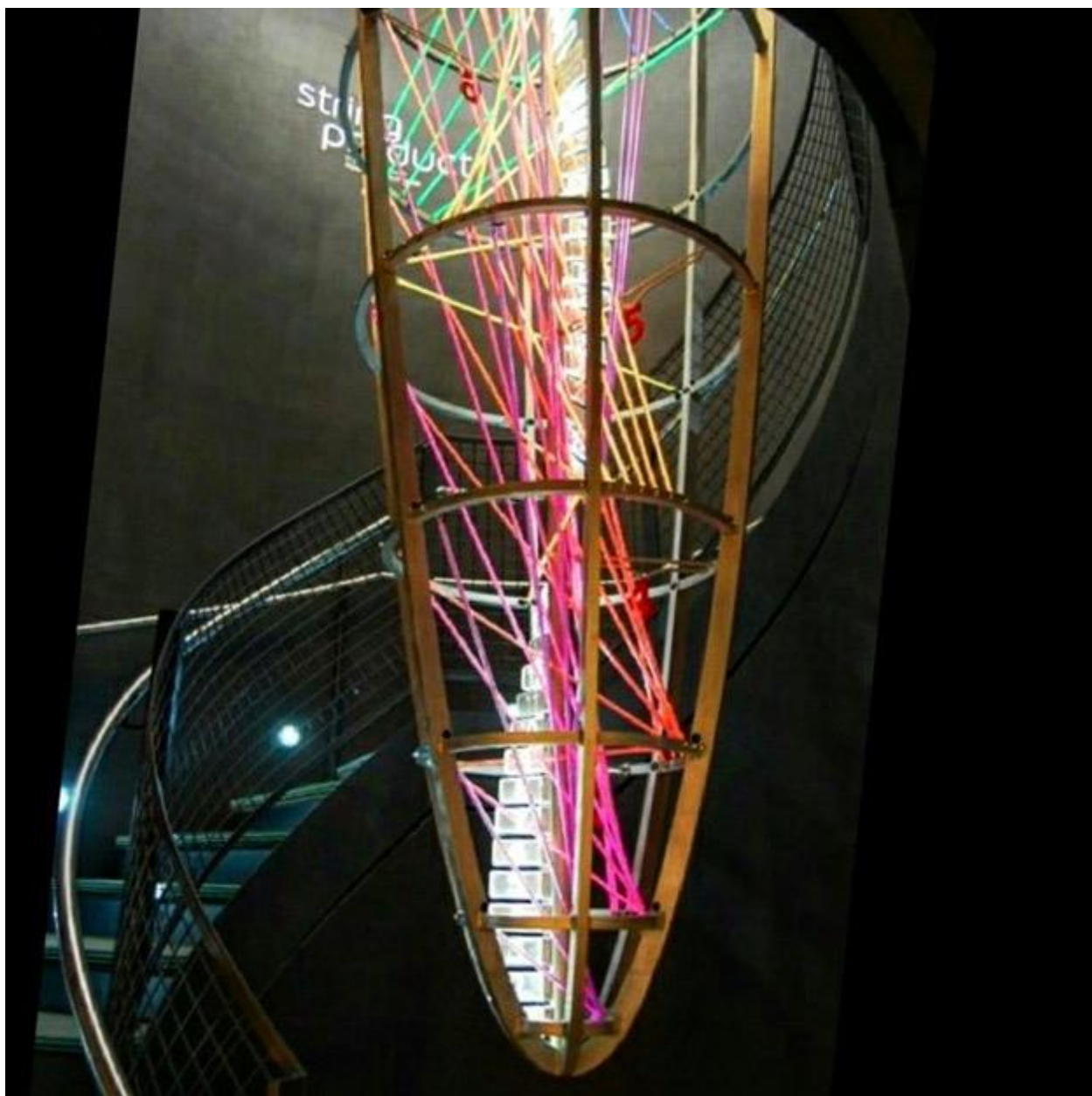
A little less than two years ago, MoMath debuted the temporary exhibit *Luminaries*: the optical imagery of Matthew Brand. It displayed smooth, water-clear lenses whose undulating surfaces rearranged light beams into ghostly morphing pictures. Don't miss the next exhibit *Inside of Things: The Art of Miguel Berrocal*, in October.

August 18

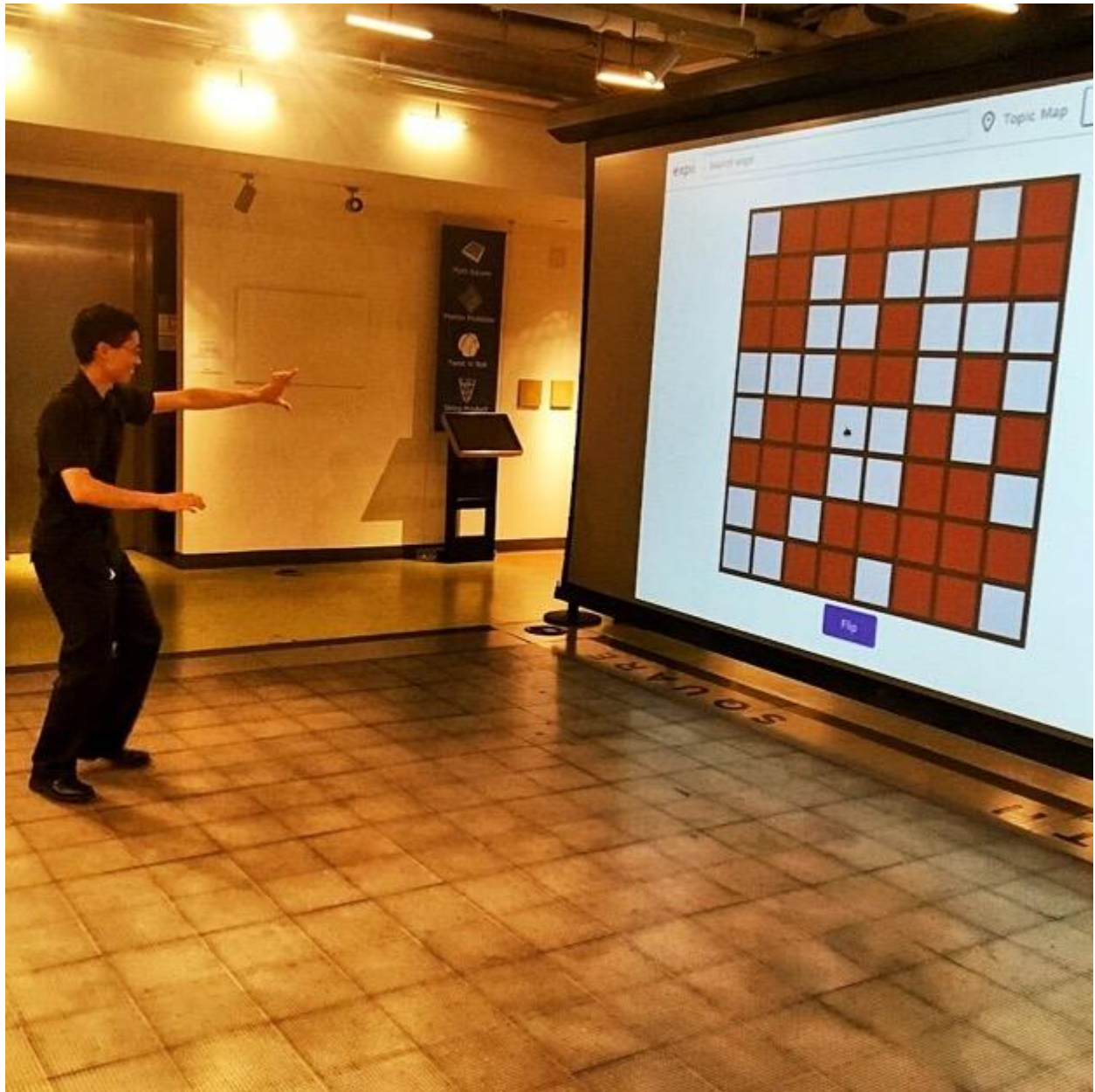


Moving quickly does not necessarily mean you're accelerating. While this may seem counterintuitive, MoMath's Motionscape exhibit helps you visual how it's possible. Just make sure you stretch beforehand; there's a reason this exhibit has "motion" in its name.

August 19



Did you know the line connecting two points on a parabola crosses the y-axis at the product of the x values of those two points? See for yourself at MoMath's String Product exhibit.  
August 23



At last night's Puzzle Party, Po-Shen Loh taught the audience how to use creative reasoning to solve various puzzles and problems. Here he uses a memorization trick to help him figure out which square has changed color.  
August 24



Note: This is a video.

Applying the Golden Ratio to an ellipse, PhiTOP illustrates the difference between equilibrium and stability. What Newton's Cradle does for linear momentum, PhiTOP does for angular momentum. Stop by Additions, the retail shop at MoMath, for a closer look.

August 25



Here's a recent visitor creation at MoMath's Tessellation Station. At this exhibit visitors can use various magnetic shapes, including monkeys, to create unusual repeating patterns and shapes.  
August 26



Grandparents deserve more than just a day, so MoMath is giving them an entire weekend. Admission to the Museum is free for grandparents who arrive accompanied by at least one grandchild on September 10th and 11th.  
August 27



Visitors to the National Museum of Mathematics receive day badges to wear with admission. While the badges are collected prior to leaving, if a visitor is able to drop it into this cube, he/she receives a free souvenir from Additions, the shop at MoMath.

August 30

# MATH ENCOUNTERS



## *single* DIGITS: *the* WONDERS *of* ONE *to* NINE

While people get excited about numbers like Pi and e, the familiar small numbers one to nine hold a magic all their own. MoMath welcomes mathematician Marc Chamberland as he helps us make special and surprising connections to each of the single digits one to nine. Learn more at [mathencounters.org](http://mathencounters.org)

August 31

# MOMATH

is nearing its  
**555,555<sup>th</sup>**  
visitor.

Be present for your chance  
to win some great prizes!

MoMath is just days away from reaching visitor number 555,555. To celebrate, the Museum will give away prizes to several lucky visitors just after the milestone is reached. Follow the attendance tracker at [momath.org](http://momath.org) to improve your chance of winning.

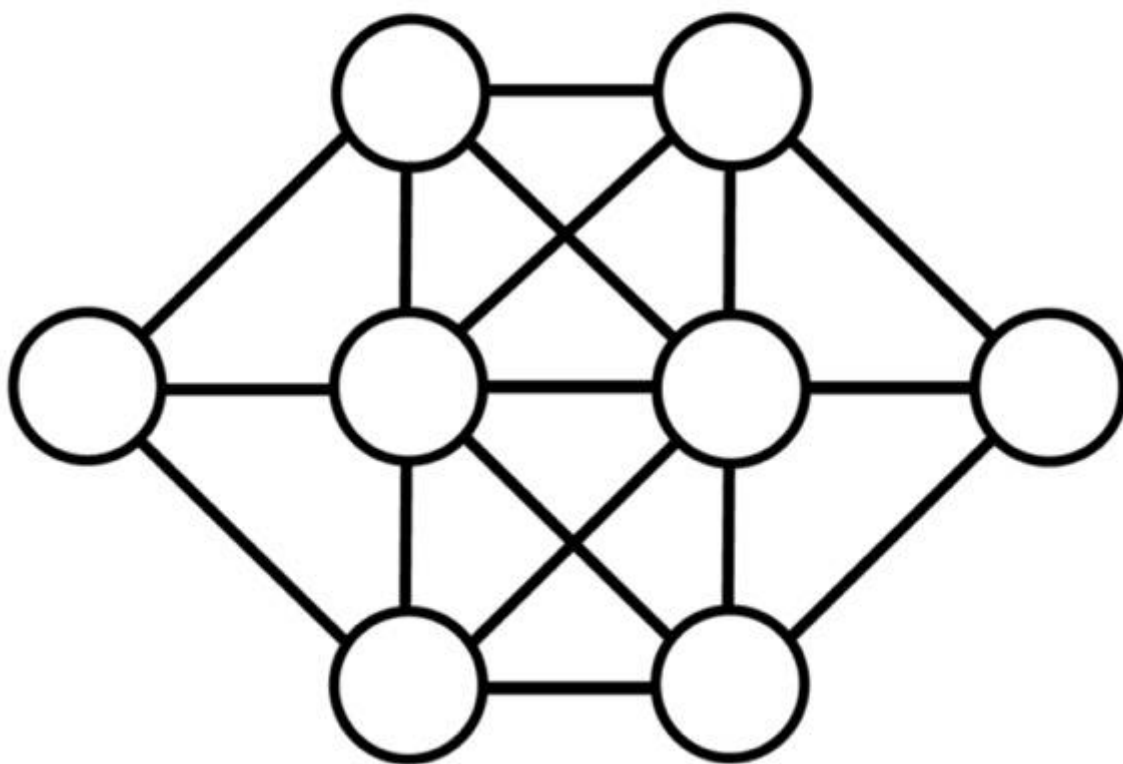
September 1



Back from the final frontier, Connor Trinneer and Dominic Keating stopped by MoMath.  
September 1



There's something missing here. On September 16, visitors will get the chance to start their engines and navigate over unique tracks at MoMath's newest exhibit, Twisted Thruway. September 2



Sudoku or KenKen puzzles are fun, but once you know how to do them, you just follow the same strategy over and over. Join MoMath favorite Dan Zaharopol as he returns to guide us through all kinds of new and different puzzles. Learn more at [familyfridays.momath.org](http://familyfridays.momath.org)  
September 3



Teachers, learn how to combine physical activities with mathematics! Join educator Rachel McCann as she shares her unique approach to combining mathematics and numeracy with fundamental movement skills, cooperation, and game play. Learn more and register at [movement.momath.org](http://movement.momath.org)  
September 6



MoMath welcomed its 555,555th visitor today! To help commemorate the occasion, MoMath awarded a range of prizes to 21 lucky visitors, including Efrem Fisher; visitor number 555,555. September 6

# Significant Figures

Engage the mind.



MoMath's newest program, Significant Figures, kicks off in just one week. Seniors will have a chance to participate in a series of twelve educator-led workshops, including an opening session with guest speaker Will Shortz! Learn more at [significantfigures.momath.org](http://significantfigures.momath.org)  
September 7



In this multi-media presentation, violinist Mark Steinberg and pianist Marija Stroke perform Bruce Adolphe's score for the film *Einstein's Light*, with stunning visualizations by Nickolas Barris and a discussion with Harvard string theorist Cumrun Vafa. Learn more at [harmonic.momath.org](http://harmonic.momath.org)  
September 8



We're looking forward to grandparents weekend! All grandparents who arrive accompanied by at least one grandchild will gain free admission to the Museum. MoMath is also offering special workshops designed for grandparents to enjoy together with their grandchildren. Learn more at [grandparents.momath.org](http://grandparents.momath.org).

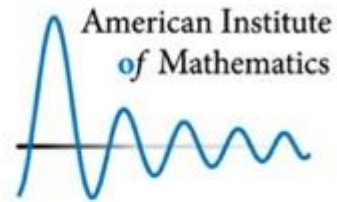
September 8



Volumes, the MoMath book club, is excited to next discuss Logicomix: An Epic Search For Truth. This exceptional graphic novel recounts the spiritual odyssey of philosopher Bertrand Russell as he crosses paths with legendary thinkers and tries to establish unshakable logical foundations of mathematics. Learn more and register at [volumes.momath.org](http://volumes.momath.org)  
 September 9

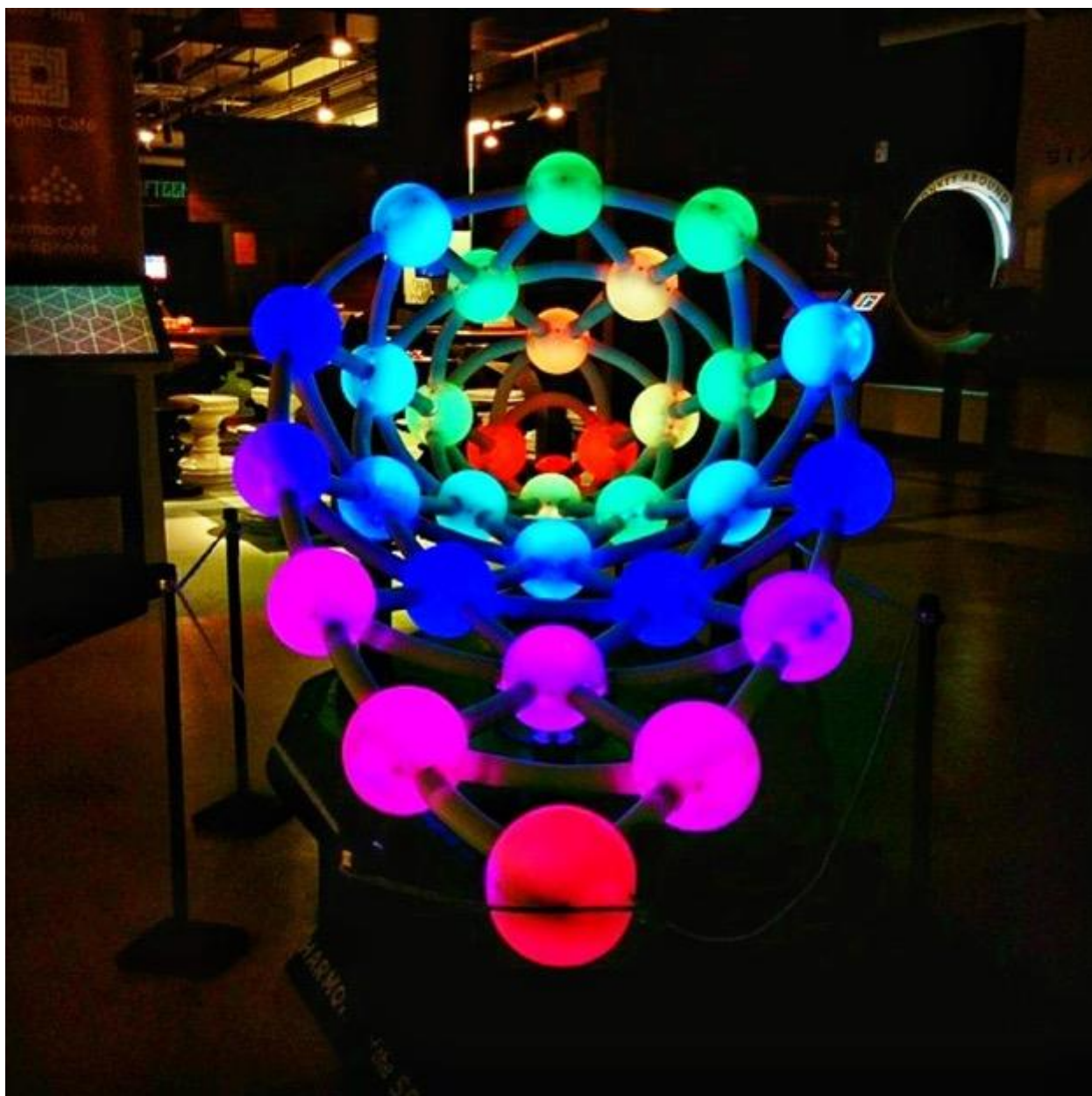


Julia Robinson  
Mathematics Festival

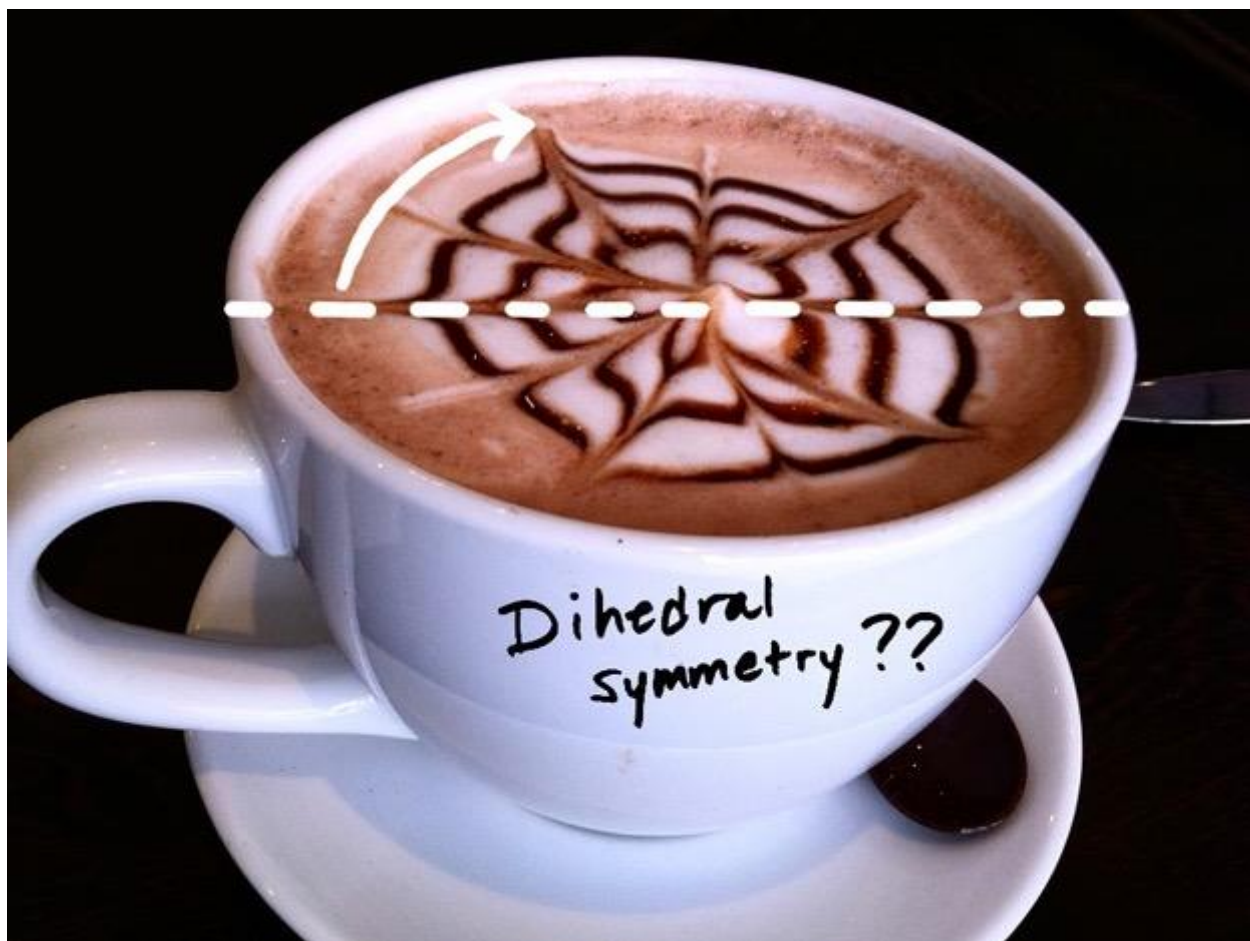


Friday, September 16, MoMath will host the Julia Robinson Mathematics Festival. Youth participants will get a chance to develop their talents for mathematics by solving problems, puzzles, and activities in a collaborative, non-competitive atmosphere. Learn more at [juliarobinson.momath.org](http://juliarobinson.momath.org).

September 9



A look at MoMath's Harmony of the Spheres exhibit prior to the Museum's lights being flipped on. Visitors get a chance to touch this musical sculpture and create a harmonic soundscape that varies as you move from sphere to sphere.  
September 10



Do you like to take photos? Do you see math in the world around you? If you answered “yes” to both questions, now is your opportunity to contribute a favorite mathematical photo to MoMath’s Seeing Math contest. Learn more at [seeingmath.momath.org](http://seeingmath.momath.org)  
September 13



MoMath's newest exhibit, Twisted Thruway, opens this Friday to the public! Members will get a sneak peak on Thursday. Learn more and register at [thruway.momath.org](http://thruway.momath.org).  
September 13



Homeschool students can now experience the excitement of a MoMath field trip! Attend the Summations program and spend the afternoon perusing MoMath's interactive exhibits along with other homeschool families. Registration includes admission to a hands-on classroom experience. Learn more at [summations.momath.org](http://summations.momath.org)  
September 14



This morning, MoMath invited the press for a first look at its newest exhibit, Twisted Thruway. Here's your first look -- there's just one more day before it is officially open to the public.  
September 15



Yesterday, MoMath launched its Significant Figures program for seniors. A special thanks to Will Shortz for stopping by. Seats are still available for upcoming sessions. Learn more and register at [significantfigures.momath.org](http://significantfigures.momath.org)  
September 15



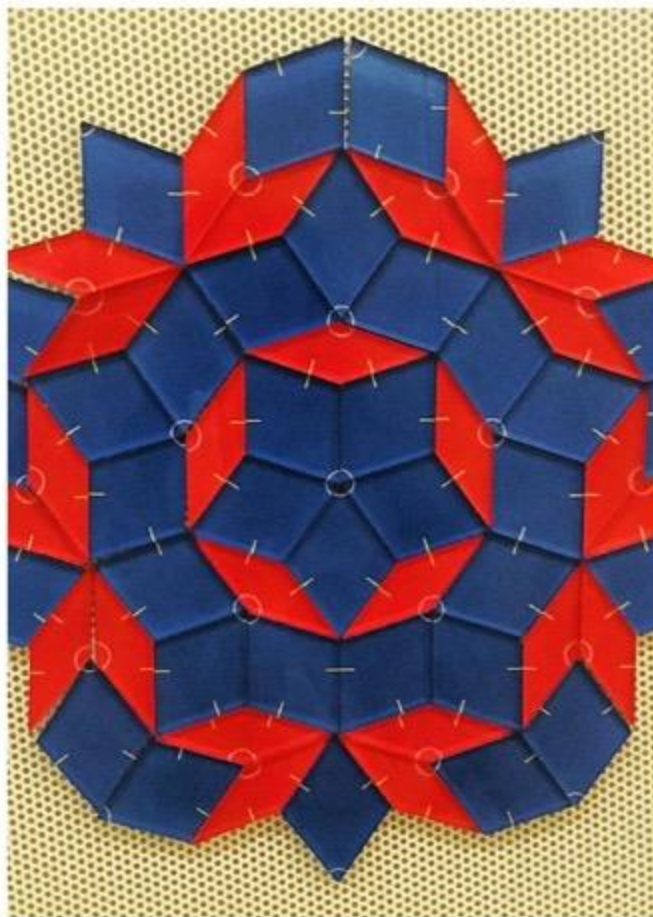
Throwback to when NFL offensive lineman and PhD candidate in Mathematics at MIT, [@john\\_urschel](#), visited MoMath. Congratulations on receiving straight A's in your first semester.  
September 15



Twisted Thruway is here!  
September 16

ROGER  
PENROSE

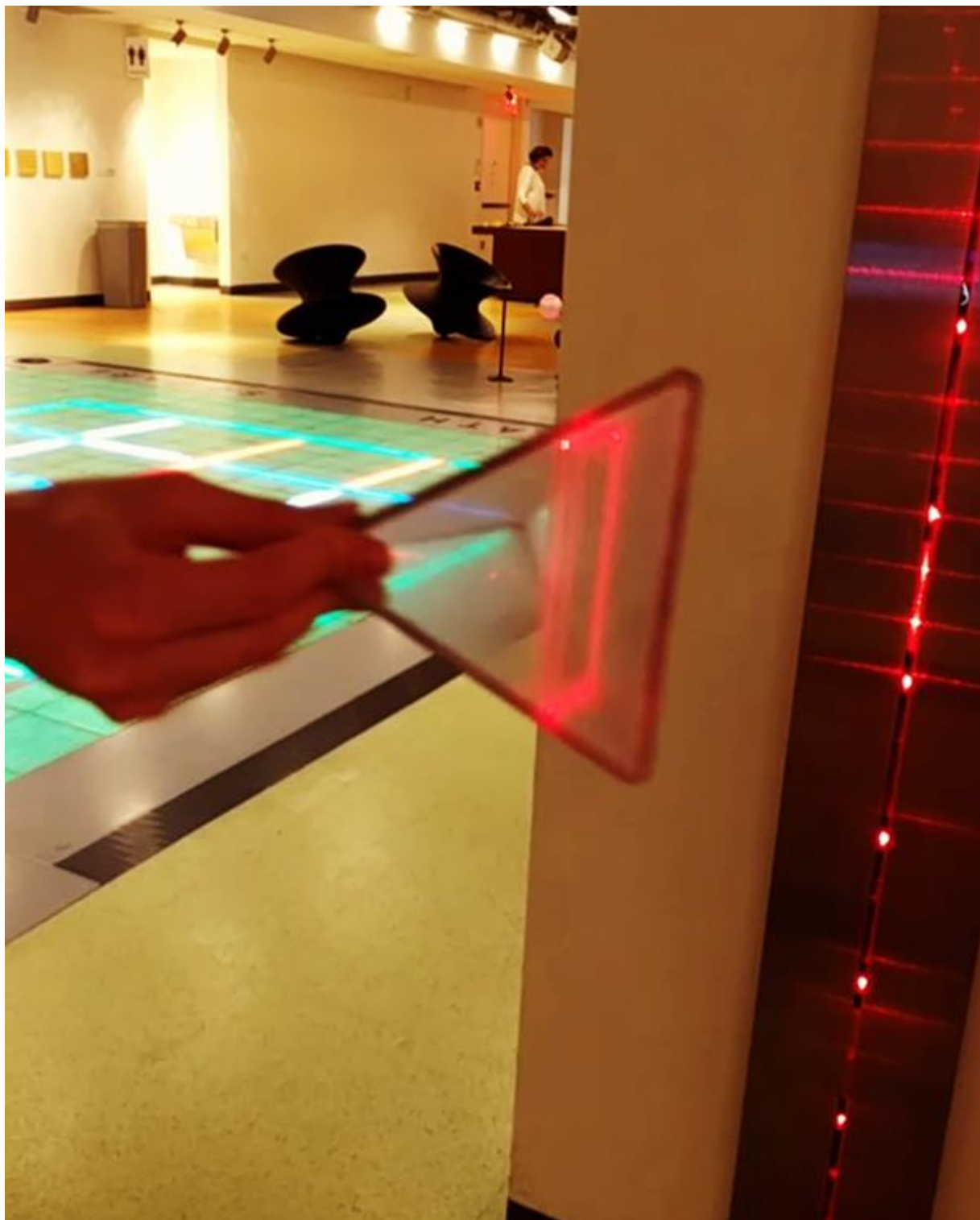
FASHION  
*Faith*  
and  
FANTASY  
in the New Physics  
of the Universe



Don't miss the opportunity to hear from Roger Penrose, creator of MoMath's popular aperiodic (non-repeating) Penrose tiles, and join him at a free reception following the talk. Learn more and register at [penrose.momath.org](http://penrose.momath.org)  
September 16



Note: This is a video  
Here's a look from behind the wheel in MoMath's newest exhibit, Twisted Thruway.  
September 17



Note: This is a video

Sometimes the cross section of a shape made up of triangles can be rectangular, or even square. At MoMath's Wall of Fire exhibit, visitors can try to figure out the various cross sections of several shapes, including tetrahedrons.

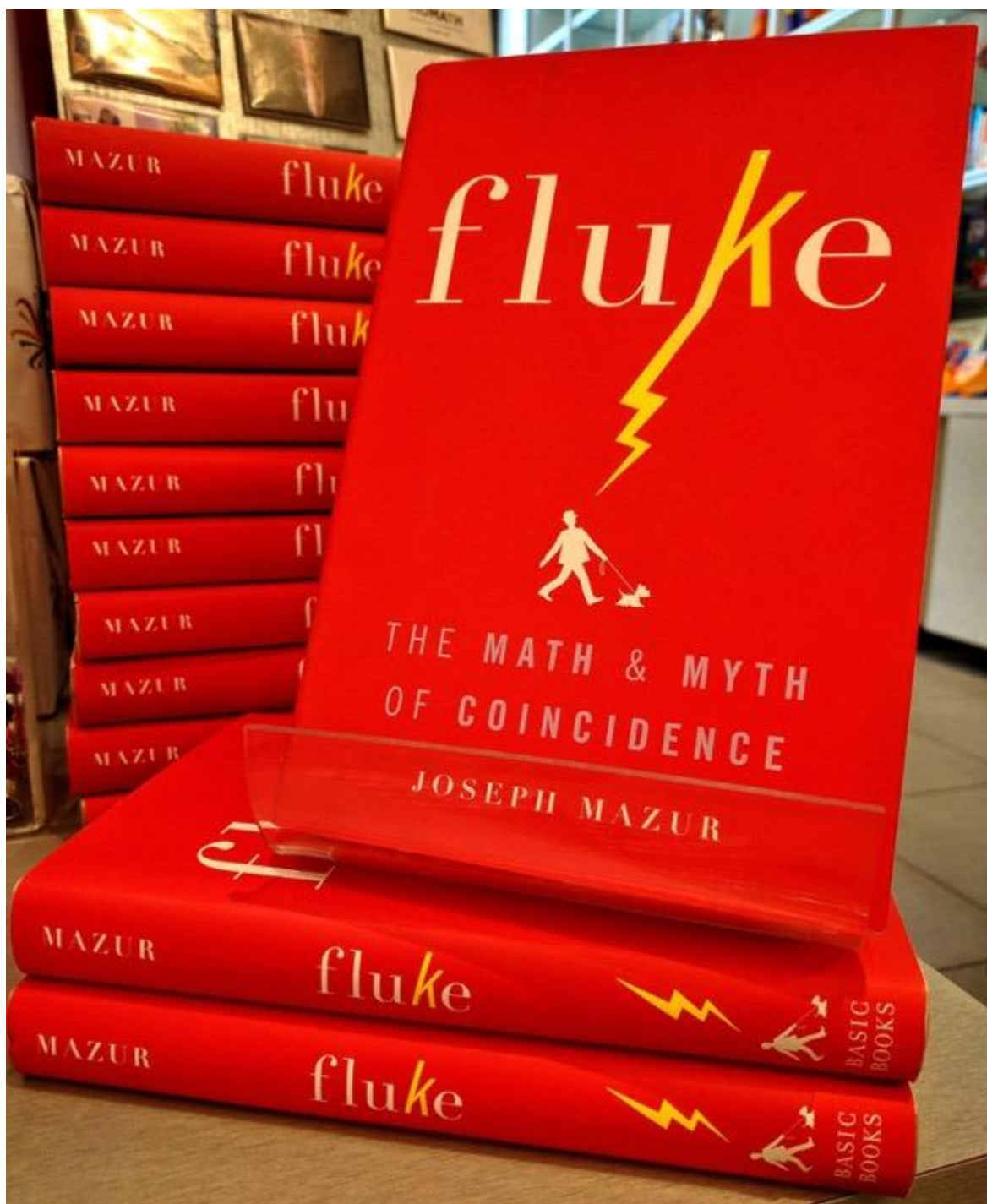
September 20



Teachers combined physical activity and mathematics in today's Math and Movement workshop. September 21



Prior to tonight's talk, Sir Roger Penrose looks over MoMath's Tessellation Station, highlighting his 1974 discovery of a new way to tile a plane.  
September 21



Fluke is an entertaining guide to the most surprising moments in our lives. Join us and special Volumes guest, Fluke author Joe Mazur, to talk about chance and coincidence. Learn more at [volumes.momath.org](http://volumes.momath.org).  
September 22



Don't miss the fast-paced excitement of Super Cube Shuffle, courtesy of our friends at Bedtime Math. Test your memory and your spatial reasoning skills as you race to be the first to complete your geometric pattern. Super Cube Shuffle will only be at MoMath for a limited time, so don't miss out. Learn more at [supercube.momath.org](http://supercube.momath.org)

September 24



Dr. Arthur Benjamin returns to MoMath with an all-new demonstration of mathematical magic. Learn the underlying mathematical secrets behind some neat magic tricks and see how calculations and combinatorics can be used to create powerful and enchanting illusions. Learn more and register at [mathmagic.momath.org](http://mathmagic.momath.org)  
September 28



Here's a creation at MoMath's PolyPaint exhibit in honor of National Coffee Day. Visitors can electronically paint their own symmetrical masterpieces at this fan favorite exhibit.  
September 29



MoMath's new temporary exhibit opened today. Stop by and take Super Cube Shuffle, courtesy of Bedtime Math, for a spin.  
September 30

# MATH ENCOUNTERS



## 3D SHADOWS: *casting LIGHT on the* FOURTH DIMENSION

Living in a three-dimensional environment, we're all very good at visualizing two- and three-dimensional objects. But how can we understand four-dimensional objects? Tonight's speaker, mathematician Henry Segerman, casts light on the fourth dimension, using 3D-printed shadows to squish four-dimensional shapes into our three-dimensional world.

October 5



@henryseg provided an up-close look at some fantastic 3D printed sculptures and puzzles at last night's Math Encounters.  
October 6



Note: This is a video

We're getting creative with cubes at tonight's Family Fridays. Mathematician Harold Reiter will take us on a colorful journey into the combinatorial properties of cubes.

October 7



Join Momath in constructing its popular 10 foot high dodecaRT! at this year's New York City Geek Street Fair hosted by Google. The fair is an interactive event to inspire kids to pursue careers in science, technology, engineering, math (STEM), and computer science. The build runs from 12:00 pm to 5:00 pm this Thursday at Union Square.

October 11

# *The insides of things: the art of Miguel Berrocal*



On Thursday, October 13, join MoMath for the opening of The Insides of Things: The Art of Miguel Berrocal. Featuring the work of Spanish sculptor Miguel Berrocal, MoMath's newest art exhibit will showcase the masterful craftsmanship of Berrocal's art. Admission is free to this event, but registration is required. Learn more at [berrocal.momath.org](http://berrocal.momath.org).  
October 12



MoMath's newest art exhibit, *The Insides of Things: The Art of Miguel Berrocal*, showcases the masterful craftsmanship of Berrocal's art. Don't miss this intriguing new show in Composite, the gallery at MoMath. The gallery will be open during museum operating hours and a visit is included with the price of admission.

October 15



Join Matt Parker, stand-up comedian, author, and mathematician as he returns to MoMath to delight us with his unique brand of mathematical humor on Sunday, October 23. Matt is a presenter on various shows, including on the Discovery Channel, and his YouTube videos have been viewed over 25 million times. Learn more and register at [standup.momath.org](http://standup.momath.org).

October 19

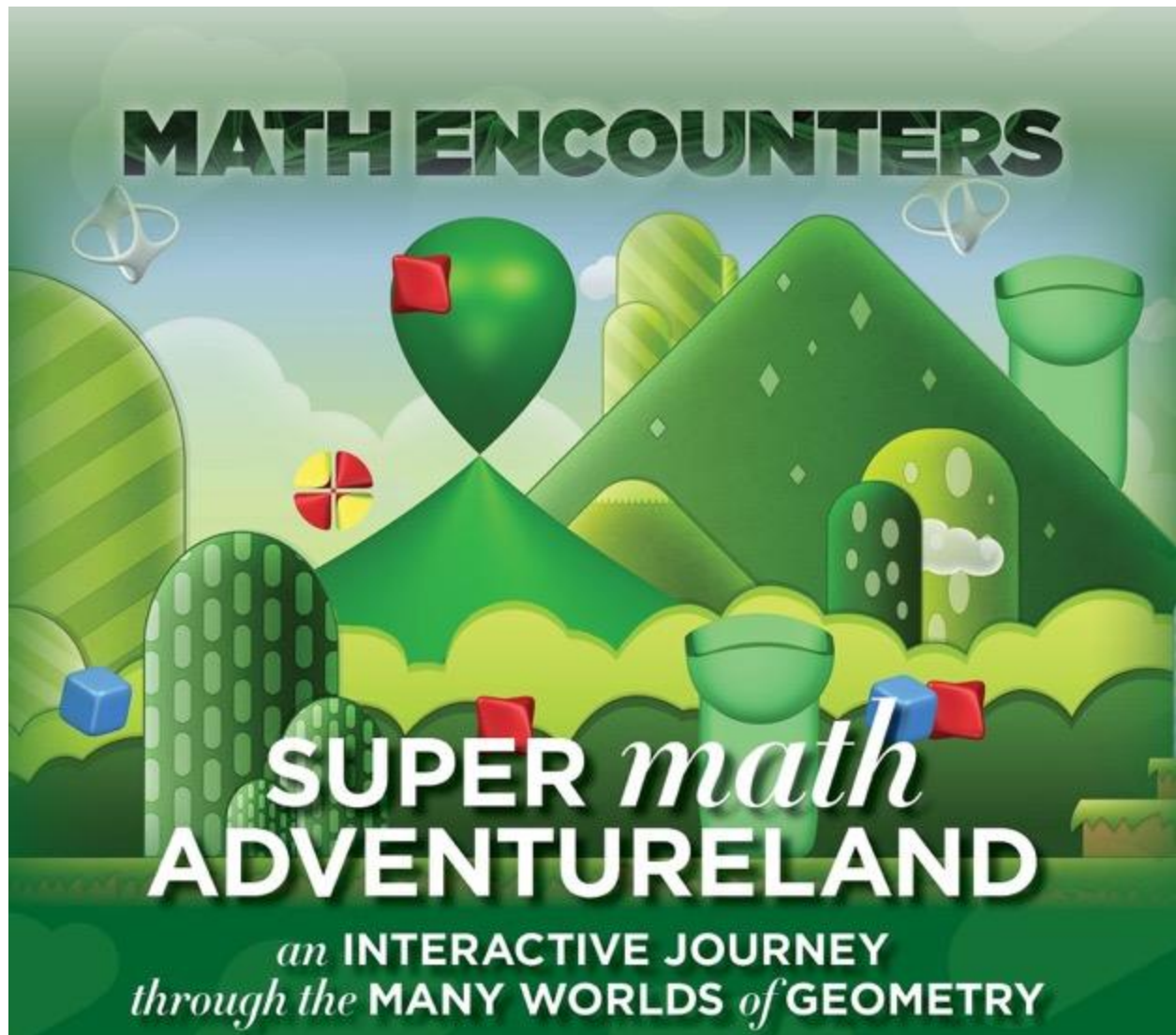


The National Museum of Mathematics is delighted to announce that its 2016 annual gala will be held in honor of Nate Silver. From now until midnight on Sunday, October 23rd, complete a pledged donation of \$100 or more and you'll be eligible to win a ticket to the gala, to be held at Guastavino's at 6:00 pm on October 25. Learn more at [gala100.momath.org](http://gala100.momath.org)  
October 21

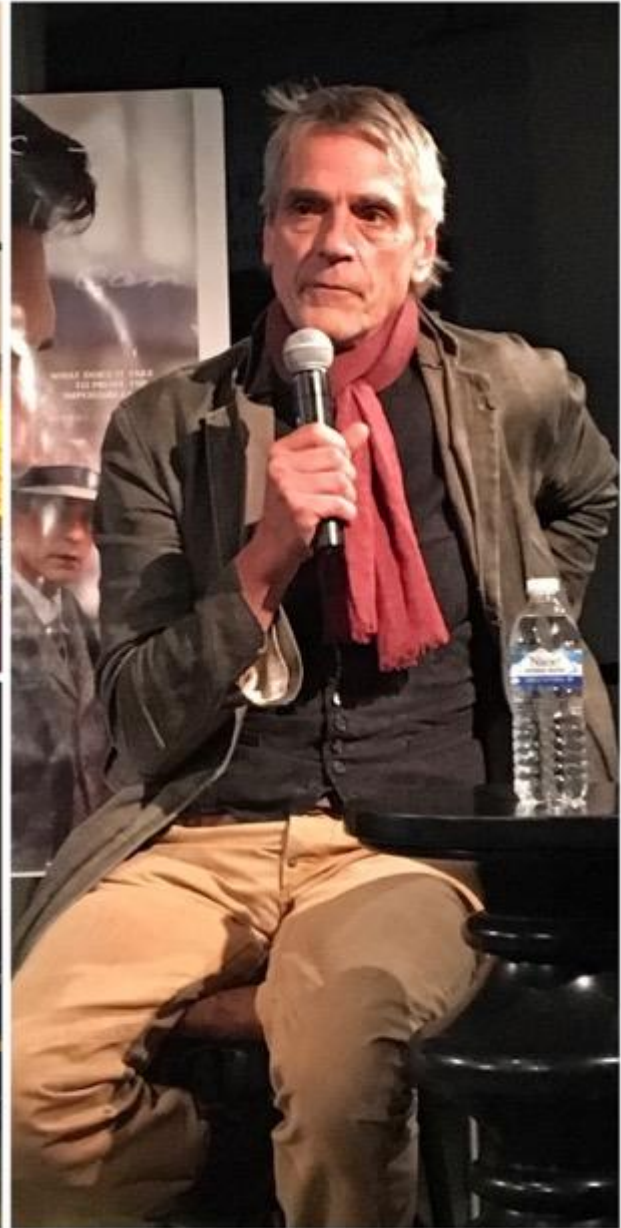


Puzzle lovers, register now for MoMath's annual puzzle hunt, where players must unlock the secrets of the Museum before time runs out. Dimensions 2016 needs you to uncover the whereabouts of MoMath's mysterious founder! The eccentric professor recently vanished, but left clues to his disappearance within the exhibits and puzzles he left behind... Learn more and register teams of three to six players at [puzzlehunt.momath.org](http://puzzlehunt.momath.org).

October 22



Explore alien algebraic surfaces, four-dimensional polyhedra, and fractal and differential geometry as mathematician and award-winning math communicator Andreas Daniel Matt leads us on an adventurous and interactive video-game-style journey. Special introduction by private astronaut Richard Garriott de Cayeux, creator of the Ultima video games. Learn more and register at [mathencounters.org](http://mathencounters.org).  
October 26



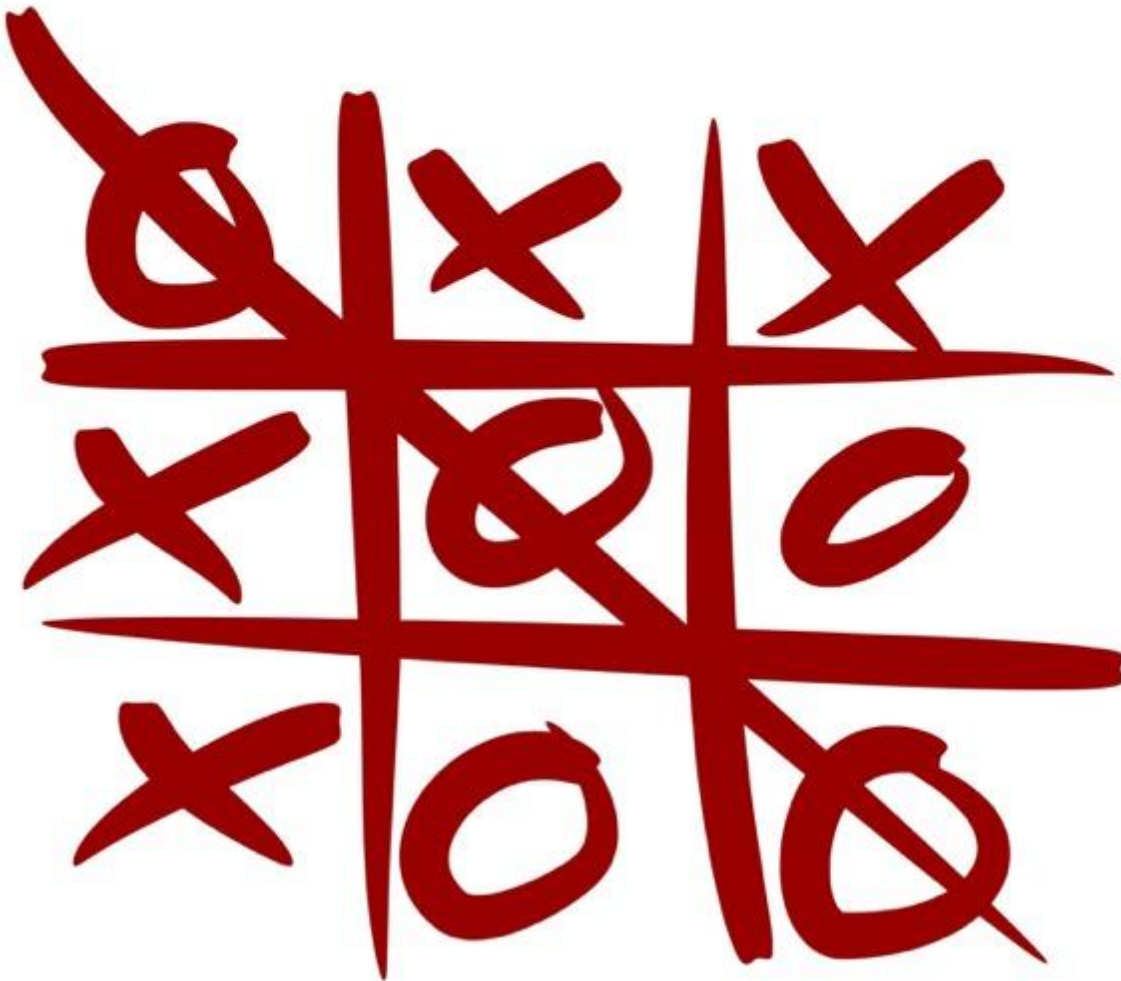
Academy Award winning actor Jeremy Irons visits MoMath to discuss his movie, *The Man Who Knew Infinity*.  
October 26



"I think the experience of riding a square-wheeled bicycle is one that will be with me the rest of my life."  
October 27



While your eyes can deceive you, you can trust the math at MoMath's MM2Go exhibit. Picture taken on the Intrepid during Kids Week 2014.  
October 27



Do you enjoy winning at games? Learn unbeatable strategies and discover the beauty of combinatorial game theory as you join mathematics professor and game designer Steven Clontz for a night of family fun. Learn more and register at [familyfridays.momath.org](http://familyfridays.momath.org).  
November 1



Hear what Nate Silver said about the election! Photos and video of MoMath's successful Race to the Finish gala at [gala.momath.org](http://gala.momath.org).  
November 2



NATIONAL MUSEUM OF MATHEMATICS

## YOUNG PATRONS CIRCLE

PRESENTS

# AFTER HOURS

Join New York's Silicon Alley for an evening of exponential fun with an **open bar** and live DJ as you explore MoMath's dynamic exhibits.

SPONSORED BY



On Thursday, November 10, join New York's Silicon Alley for an evening of exponential fun with an open bar and live DJ as you explore MoMath's dynamic exhibits! Learn more and register at [afterhours.momath.org](http://afterhours.momath.org).

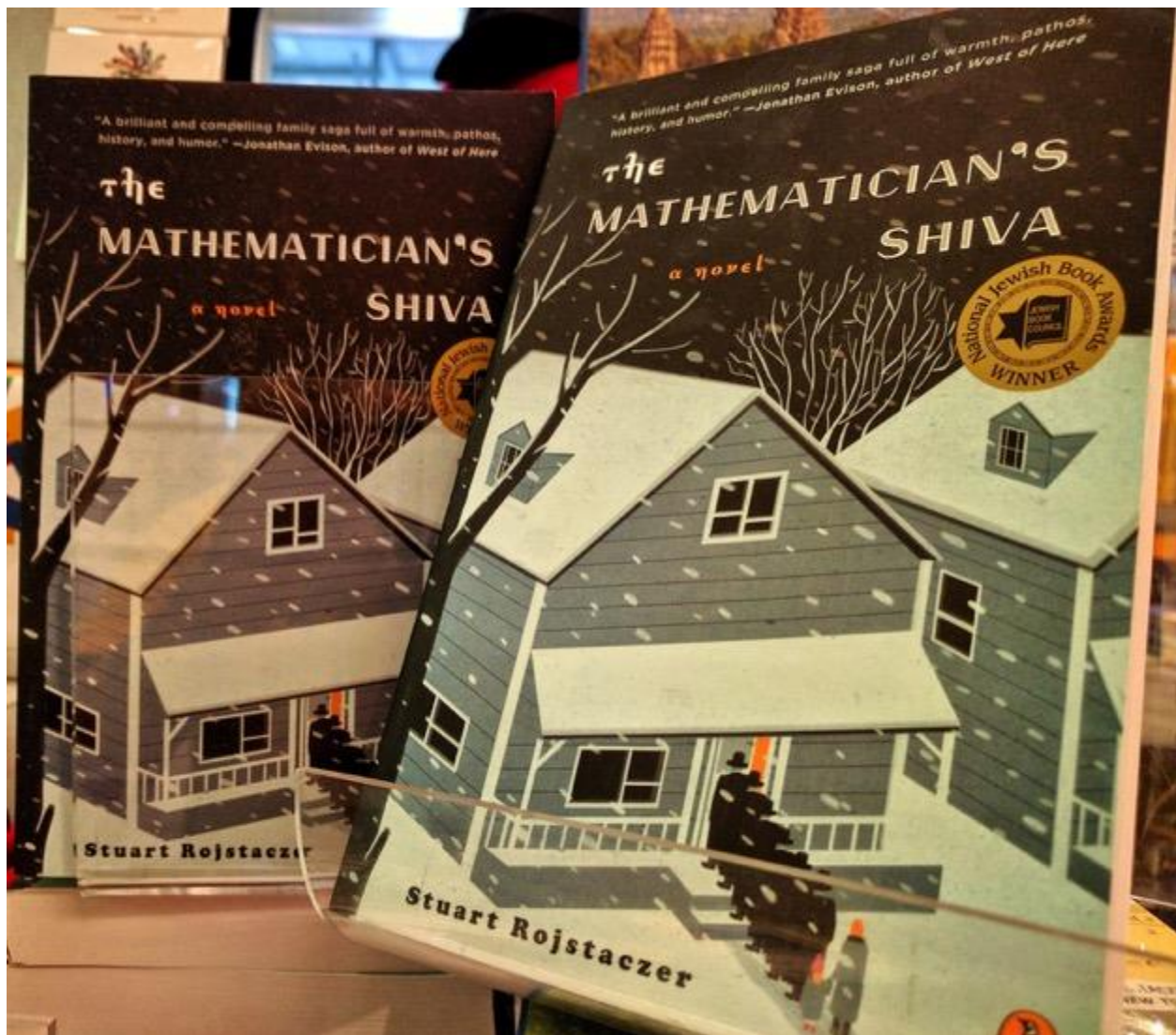
November 4



tournaments at



Join KenKen creator Tetsuya Miyamoto for an exciting new program at MoMath. Each Sunday in November, MoMath will host tournaments using all new puzzles hand-crafted by the KenKen creator. A championship round at the end of each 45-minute competition will determine who will be named the MoMath-KenKen Champion of the Week. Learn more and register at [kenken.momath.org](http://kenken.momath.org).  
November 5



Join Volumes, the MoMath book club, on November 17 to discuss *The Mathematician's Shiva: A Novel* by Stuart Rojstaczer. When the greatest female mathematician in history passes away, and may have taken the solution to one of the most difficult problems in mathematics to her grave, a motley group of mathematicians descend upon Rachela's shiva, determined to find the proof or solve it for themselves. Learn more and register at [volumes.momath.org](http://volumes.momath.org)  
November 9



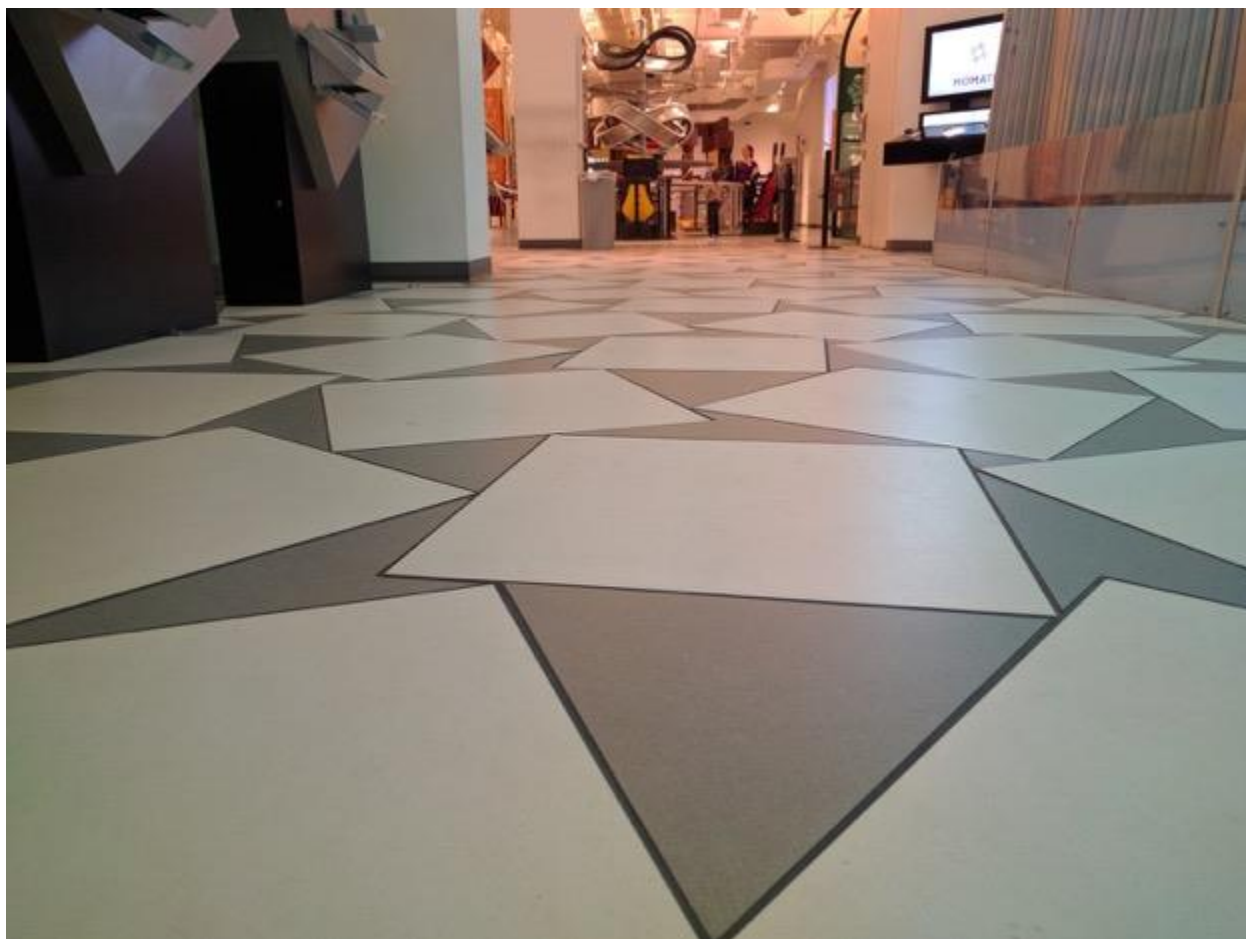
After Hours at MoMath just got underway. It's not too late to stop by.  
November 10



Today is National Pizza Day! What better way to cut those slices than with your very own Pizza Pi Cutter? Stop by Additions, the retail store at MoMath, to pick one up.  
November 12



Note: This is a screenshot from a video  
MoMath has some great new products for the holiday season. The Lollipopter is a staff favorite.  
Stop by Additions, the retail shop at MoMath, to see all the new items.  
November 16



Announcing the newest way to enjoy MoMath: The MoMath Derivatives tour program! Enjoy a new perspective on MoMath in a small group setting as you wander the Museum with an expert tour guide leading the way. During the tour you'll learn about the Colorful Characters or Hidden Math you can find throughout the museum. Space is limited, so register early at [derivatives.momath.org](http://derivatives.momath.org).  
November 18