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**Social Entrepreneur & Renowned Mathematician Po-Shen Loh
Examines Math’s Role in Contact Tracing in the Fight Against
COVID-19 During the National Museum of Mathematics’
“Math vs. COVID-19” Virtual Presentation**

*During the pandemic, audiences for MoMath’s online education
programs have reached nearly 35,000 virtual visitors in
all 50 US states and 95 countries*

Wednesday, August 26, 6:30 p.m. ET

New York, NY (August 20, 2020)—Social entrepreneur and renowned mathematician Po-Shen Loh examines math’s role in contact tracing in the fight against COVID-19 during the [National Museum of Mathematics’](#) (MoMath) “Math vs. COVID-19” virtual presentation on Wednesday, August 26 at 6:30 p.m. ET.

A unique and devastating characteristic of COVID-19 is that the disease spreads before symptoms appear. Contact tracing, which has become part of global conversation, has the potential to be a helpful tool for easing social distancing restrictions, bringing people back to work safely, avoiding unnecessary quarantining of uninfected individuals, and fighting this contagious disease. MoMath’s “Math vs. COVID-19” virtual presentation will explore how to perform successful contact tracing using mathematical concepts, such as graph theory, probability, and measuring distance with sub-meter accuracy, so the public can proactively make decisions to avoid risk of infection and prevent further transmission of the virus.

Po-Shen Loh is a social entrepreneur, math professor at Carnegie Mellon University, coach of the USA International Mathematical Olympiad team, and founder of the free

personalized learning platform, expii.com. Loh's research and educational outreach, which lies at the intersection of combinatorics (the study of discrete systems), probability theory, and computer science, takes him to cities across the world, reaching more than 10,000 people each year through public lectures and events.

MoMath, the only math Museum in North America, is hosting a variety of online math programs to keep children and adults of all ages engaged with educational math programming while cultural institutions and schools across the nation are closed.

"During these challenging times, we are focused on offering the public one-of-a-kind, engaging experiences that highlight the role mathematics plays in the world around us," said Cindy Lawrence, CEO and Executive Director of MoMath. "Mathematical analysis is of critical importance in fighting the spread of COVID-19, and we are pleased to hear from a true innovator working on this worldwide effort. Our digital programs provide people of all ages an outlet for learning while they are spending time at home, and we are committed to continuing this effort."

Audiences for MoMath's online education programs have skyrocketed to all 50 US States and 95 Countries, including Australia, Vietnam, Italy, Argentina, China, Spain, Sweden, France, and Guam.

For more information about MoMath's "Math vs. COVID-19" event, visit tracing.momath.org.

For information about the Museum, visit momath.org.

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