

ICTS-RRI MATHS CIRCLE
August 22, 2026

Before we meet, spend a little time with the following:

Watch *Minhyong Kim's advice to young mathematicians*

and *mathematics is a marathon, not a sprint* by Benny Sudakov,

and read this article about *Maryam Mirzakhani and her work*.

What struck you?

Before we meet again, immerse yourself in the explorations and experiments from the previous sessions.

Might knots, primes, and electromagnetism all be shadows of the same thing?

Alexander Grothendieck unflattened mathematics in the 20th century, and made it possible for us to ask wild questions like the one above. Read about him.

Read this excerpt – *The Magic of Things* – from Grothendieck's reflections.

Did anything resonate with you?

What do you see as the difference between knowledge, understanding, and insight?