

## Webinar: What is the Riemann Hypothesis, and why does it matter? by Prof. Ken Ono (Univ. of Virginia)

by Manjil Saikia - Thursday, April 15, 2021

<https://gonitsora.com/webinar-ono/>

Gonit Sora is organizing a special webinar as part of its 10th anniversary celebration on 21st April 2021 to be delivered by [Prof. Ken Ono](#) of the University of Virginia, USA. The details are given below.

Date: **21 April 2021 (Wednesday)**

Time: **5.30 pm IST**

Title: **What is the Riemann Hypothesis, and why does it matter?**

**Abstract:** The [Riemann hypothesis](#) provides insights into the distribution of prime numbers, stating that the nontrivial zeros of the Riemann zeta function have a “real part” of one-half. A proof of the hypothesis would be world news and fetch a \$1 million Millennium Prize. In this lecture, we will discuss the mathematical meaning of the Riemann hypothesis and why it matters. Along the way, we will tell tales of mysteries about prime numbers and highlight new advances. We will conclude with a discussion of recent joint work with mathematicians Michael Griffin of Brigham Young University, Larry Rolen of Vanderbilt, and Don Zagier of the Max Planck Institute, which sheds new light on this famous problem.

**About the Speaker:** *Prof. Ken Ono is at present the Thomas Jefferson Professor of Mathematics at the University of Virginia, USA. He is one of the most prominent living number theorists and is widely known for his work in number theory, specially his work related to partitions of integers and modular forms. He received his BA from the University of Chicago and his MA and PhD from the University of California, Los Angeles. Before moving to the University of Virginia, he has held positions at various institutes including but not limited to the University of Illinois, Urbana-Champaign, the Institute for Advanced Study, Penn State University and Emory University. He has been or is an editor of several important mathematical journals including the Annals of Combinatorics, International Journal of Number Theory, Proceedings of the American Mathematical Society and the Ramanujan Journal. Prof. Ono has also set on various award committees and has served on the boards of various organizations, including as Vice*

*President of the American Mathematical Society.*

The talk will be suitable for a general audience (college students are specially welcome), and will be held online via Zoom. It will also be livestreamed on our [Facebook page](#).

**This talk will be recorded and the recording is made available on our [YouTube channel](#) later.**

e-Certificates will be issued to participants who attend the talk on Zoom.

**If you have already registered for any webinar by Gonit Sora in the past, you need not register again**, you are already in our mailing lists (unless you have told us to remove you). For those who have not registered before, you need to register at the link below.

**Please read the rules of the Zoom meeting [at this link](#), before you register.** Due to a high volume of registration and emails, we will not answer queries which are already addressed in the [rules](#).

**To register submit the form [at this link](#) (meeting details are usually sent one day before the event).**

**A list of all past and future webinars are available [at this link](#).**

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