

Gonit Sora Webinars

by Manjil Saikia - Wednesday, July 08, 2020

<https://gonitsora.com/webinars/>

Since June, 2020 we have started to organize webinars (sometimes in association with colleges in Assam). This page will list all the webinars (as well as slides and videos of the ones already held).

To register for the upcoming events, please submit the form [at this link](#) (meeting details are usually sent one day before the event).

All our talks are recorded and the recording is made available on our [YouTube channel](#) later.

If there are any questions, comments, criticisms or suggestions then please feel free to email us at events@gonitsora.com.

Upcoming webinars:

1. [Prof. Ken Ono](#) (University of Virginia, USA): **What is the Riemann Hypothesis, and why does it matter?** (21 April 2021)
2. [Prof. Fernando Rodriguez Villegas](#) (ICTP, Trieste, Italy): **Mathematics of the football** (May 2021)
3. [Dr. Neeraj Kayal](#) (Microsoft Research, Bangalore): to be announced (2021)

Past webinars:

1. [Prof. Mathukumalli Vidyasagar FRS](#) (Indian Institute of Technology Hyderabad): **Ramanujan Graphs and the Matrix Completion Problem** (20 March 2021) [[slides and video](#)]

2. [Prof. Rukmini Dey](#) (International Centre for Theoretical Sciences, Bangaluru): **Introduction to minimal surfaces** (13 March 2021) [[slides](#)]
3. [Prof. S. G. Dani](#) (Centre for Basic Sciences, Mumbai): **Trigonometry in ancient India** (22 December 2020) [[video](#)]
4. [Prof. Matthias Kreck](#) (University of Bonn, Germany): **1- and 2- dimensional holes in spaces** (12 December 2020)
5. [Prof. Rajeeva L. Karandikar](#) (Chennai Mathematical Institute, Chennai): **On length of curves and area of figures** (6 December 2020) [[video](#)]
6. [Prof. Ravindra B. Bapat](#) (Indian Statistical Institute, Delhi): **Combinatorial applications of some topological theorems** (28 November 2020) [[video](#)]
7. [Dr. Cesar Ceballos](#) (Technical University of Graz, Austria): **The geometry of a robotic arm in a tunnel** (20 November 2020) [[video](#)]
8. [Prof. S. Ramanan](#) (Chennai Mathematical Institute, Chennai): **Classification problems in Mathematics** (8 November 2020) [[slides & video](#)] in memory of [Prof. C.S. Seshadri \(1932-2020\)](#)
9. [Dr. Tarig Abdelgadir](#) (Loughborough University, UK): **An Introduction to Algebraic Geometry** (31 October 2020) [[video](#)]
10. [Prof. Shobha Madan](#) (Indian Institute of Technology, Goa): **Almost Arithmetic Progressions in "substantial" subsets of Integers** (17 October 2020) [[slides & video](#)]
11. [Dr. Shweta Agrawal](#) (Indian Institute of Technology, Madras): **Post Quantum Cryptography: Challenges, Opportunities and Beyond** (10 October 2020) [[video](#)]
12. [Dr. Kaneenika Sinha](#) (Indian Institute of Science Education and Research, Pune): **102 years of the Circle Method** (27 September 2020) [[video](#)] in celebration of [Prof. Ram Prakash Bambah's](#) 95th birthday
13. [Dr. Bhupen Deka](#) (Indian Institute of Technology Guwahati): **Existence, Uniqueness and Stability of Linear IVPs** (20 September 2020) [[video](#)]
14. [Prof. B. V. Rao](#) (Chennai Mathematical Institute, Chennai): **Random Walk - an Idea** (13 September 2020) [[slides & video](#)] dedicated to **Arnab Kishore Bordoloi (1995-2020)**
15. [Prof. Amritanshu Prasad](#) (Institute of Mathematical Sciences, Chennai): **Cycles of a random permutation** (9 September 2020) [[video](#)]
16. [Dr. Nutan Limaye](#) (Indian Institute of Technology, Bombay): **The charm in proving something is impossible: a complexity theoretic view** (6 September 2020) [[video](#)]
17. [Prof. Sujatha Ramdorai](#) (University of British Columbia, Vancouver, Canada): **Ramanujan's Tau function and Modular forms** (28 August 2020) [[slides & video](#)]
18. [Prof. Geetha Venkataraman](#) (Dr. B. R. Ambedkar University Delhi): **Entwined: Symmetry and Groups** (22 August 2020) [[slides & video](#)]
19. [Dr. Gaurav Bhatnagar](#) (Ashoka University, Sonapat): **Andrews' approach to conjecture the Rogers–Ramanujan identities** (16 August 2020) [[video](#)]
20. [Dr. Nishad Kothari](#) (Indian Institute of Technology, Madras): **The Many Colours of Combinatorics** (8 August 2020) [[slides & video](#)]
21. [Prof. Nayandeep Deka Baruah](#) (Tezpur University, Assam): **Pi: The King of Constants** (22 July 2020) [[video](#)]
22. [Prof. B. Sury](#) (Indian Statistical Institute, Bangalore): **Mathematical puzzles as an aid to introducing mathematical notions** (21 July 2020) [[slides & video](#)]
23. [Prof. Swaroop Nandan Bora](#) (Indian Institute of Technology, Guwahati): **Differential equations as they arise in Large Water Bodies and How to Solve Them** (19 July 2020) [[slides & video](#)]

- [24. Dr. Debopam Chakraborty](#) (BITS-Pilani, Hyderabad): **Fermat's Last Theorem and a failure of unique factorization** (12 July 2020) [[slides & video](#)]
- [25. Prof. Anupam Saikia](#) (Indian Institute of Technology, Guwahati): **The Congruent Number Problem and Elliptic Curves** (10 July 2020) [[slides & video](#)]
- [26. Dr. Shanta Laishram](#) (Indian Statistical Institute, Delhi): **Prime Divisors in an Arithmetic Progression** (7 July 2020) [[slides & video](#)]
- [27. Prof. Surajit Borkotokey](#) (Dibrugarh University, Assam): **Game Theory: Can there be a theory to play a game?** (12 June 2020) [[slides & video](#)]

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