

RESOURCES PALETTE

BOOKS

- The Men of Mathematics by Eric Temple Bell
The book is about many mathematicians and contains short biographies of their lives and their mathematics.
- What is Art by Leo Tolstoy
- Lilavati's Daughters by Ramakrishna Ramaswamy and Rohini Godbole
A collection of nearly 100 biographical essays on Indian Women Scientists.

WEB RESOURCES

- A page maintained by Yuji Tachikawa about unofficial mirrors of every Strings conference which also contains talk's slides
<https://member.ipmu.jp/yuji.tachikawa/stringsmirrors/>
- Bhavanā Magazine - The Mathematics Magazine
<https://bhavana.org.in/>
- Lecture notes by David Tong on various subject of theoretical physics
<http://www.damtp.cam.ac.uk/user/tong/teaching.html>
- Open Problems in Operator Algebra, maintained by Jesse Peterson
<https://math.vanderbilt.edu/peters10/problems.html>
- Physics Latam Seminars Archive
<https://www.physicslatam.com/seminar>
- Oral History Interviews by AIP
<https://www.aip.org/history-programs/niels-bohr-library/oral-histories>
- Expository Papers by Keith Conrad on various subjects in mathematics
<https://kconrad.math.uconn.edu/blurbs/>
- Introductory Literature Suggestions on Fields, Strings, Symmetries, and Integrable Systems, maintained by Alexei Vladimirov
<http://theor.jinr.ru/~vladim/lit.html>
- The Unreasonable Effectiveness of Mathematics by Eugene Wigner.
Available at <https://www.maths.ed.ac.uk/~viranick/papers/wigner.pdf>

UPCOMING CONFERENCES AND PROGRAMS

- Upcoming conferences in algebraic geometry maintained by Ravi Vakil
<https://virtualmath1.stanford.edu/vakil/conferences.html>
- **STRINGS 2025** (Jan 6, 2025 - Jan 10, 2025) at NYU Abu Dhabi.
Notable subjects include de Sitter, operator algebras, information theory, and string theory.
<https://nyuad.nyu.edu/en/academics/divisions/science/strings-conference-2025-abu-dhabi.html>
- **What is Particle Theory?** (Jan 6, 2025 - Apr 11, 2025) at KITP, Santa Barbara.
A lengthy program at KITP to discuss the topics in fundamental physics.
<https://www.kitp.ucsb.edu/activities/particles25>
- **A Hundred Years of Quantum Mechanics** (Jan 13, 2025 - Jan 17, 2025) at ICTS, Bangalore.
<https://icts.res.in/discussion-meeting/QM100>
- **Recent Advances in Mathematics and Related Areas** (Jan 14, 2025 - Jan 19, 2025) at SRM University, Andra Pradesh.
<https://srmap.edu.in/recent-advances-in-maths/>
- **Workshop on Symmetries and Gravity** (Jan 21, 2025 - Jan 25, 2025) at CMSA, Harvard.
<https://cmsa.fas.harvard.edu/event/symmetries/>
- **Positive Geometry in Scattering Amplitudes and Cosmological Correlators** (Feb 10, 2025 - Feb 21, 2025) at ICTS, Bangalore.
<https://www.icts.res.in/program/PosG>
- **Emmy Noether Workshop: Quantum Space Time** (Mar 10, 2025 - Mar 14, 2025) at Perimeter Institute, Waterloo.
<https://events.perimeterinstitute.ca/event/928/>
- **37th Automorphic Forms Workshop** (Apr 30, 2025 - May 04, 2025) at University of North Texas, USA.
<http://automorphicformsworkshop.org/index.html>
- **Automorphic Forms and the Bloch–Kato Conjecture** (May 19, 2025 - May 30, 2025) at ICTS, Bangalore.
<https://www.icts.res.in/program/afbk>
- **Threads in a Theory Tapestry, TASI 2025** (June 2, 2025 - June 27, 2025) at University of Colorado, Boulder.

<https://www.colorado.edu/physics/events/summer-intensive-programs/theoretical-advanced-study-institute-elementary-particle-physics-current>

- **String Math 2025** (June 23, 2025 - June 28, 2025) at BIMSA, Beijing, China.
The intersection of string theory and mathematics.
<https://bimsa.net/conference/String-Math/>
- **Les Houches on Dark Universe** (July 7, 2025 to Aug 1, 2025) at Ecole de Physique des Houches.
<https://indico.iap.fr/event/25/page/16-lecture-program>
- **CIMPA School on Automorphic L-functions** (June 30, 2025 - July 11, 2025) at IIT Ropar.
<https://www.mathconf.org/alfitr2024>
- **Gravitational Waves from Theory to Observation, PITP 2025** (July 14, 2025 - July 25, 2025) at IAS, Princeton.
<https://www.ias.edu/pitp>