

THE Bulletin

Of Tau Beta Pi

MARCH 2025

A Publication
for the Collegiate
Chapters &
Advisors

IN THIS ISSUE

Pi Day 2025: A Mathematical Marvel

by Dr. Aziz S. Inan, Ph.D., CA H '78

The number π (pi) is a cornerstone of mathematics, representing the ratio of a circle's circumference to its diameter. Approximately equal to 3.14, pi appears in countless mathematical and physical formulas, making it one of the most significant and fascinating constants in science.

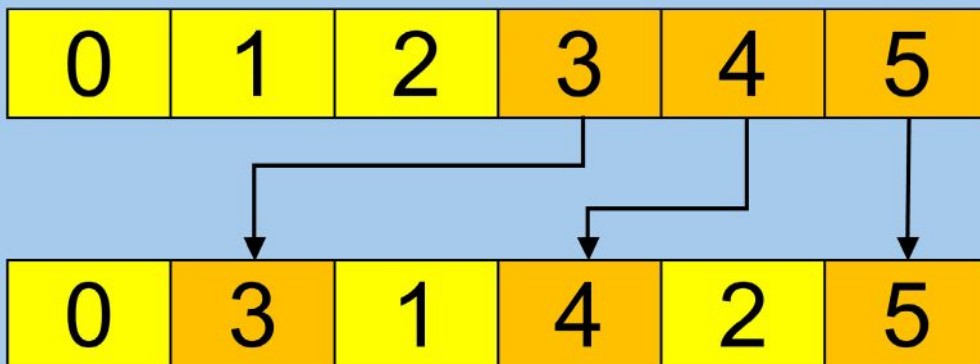
Observed annually on March 14, Pi Day honors this remarkable number. The date (3/14) corresponds to the first three digits of pi, making it a fitting tribute. Over the years, Pi Day has brought together mathematicians, engineers, scientists, educators, and enthusiasts from around the world to celebrate

mathematical curiosity and creativity.

This year, Pi Day falls on 03/14/25, and it brings with it some delightful mathematical quirks:

1. All digits from 0 to 5 appear exactly once in this date, a rare numerical feature.
2. Splitting the sequence of digits (0, 1, 2, 3, 4, 5) into two halves—(0, 1, 2) and (3, 4, 5)—and intertwining them creates the pattern 03/14/25.
3. If you assign numbers 1 through 26 to the letters A through Z, the letter values of the word "pi" add up to 25—a delightful coincidence with this year!
4. The date 3/14/25 encodes Pi Day

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MARCH 14, 2025

HAPPY PI DAY!

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and vice versa: The squares of the digits of 3/14/25 are 9, 1, 16, 4, and 25. These are the letter values of I, A, P, D, and Y. These letters can be rearranged to be PI DAY! Remarkable!

5. The year of Pi Day 3/14/25 is also a perfect square since 2025 equals 45×45 .

This rare, century-repeating Pi Day is a fascinating mathematical marvel—one that won't occur again for another hundred years.

Other Noteworthy Century-Repeating Pi Days:

1. **3/14/13** — A palindrome Pi Day.
2. **3/14/15** — First five-significant digits of pi.
3. **3/14/16** — Rounded five-significant digits of pi.
4. **3/14/17** — The sum of 3 and 14 equals 17.
5. **3/14/26** — 26 is the sum of the squares of 3, 1, and 4, as well as 1 and 5 (the next two significant digits of pi following 3.14).
6. **3/14/37** — Twice the 37th prime number (157) equals 314.
7. **14/3/41** — A palindrome when Pi Day is written in day/month/year format.
8. **3/14/42** — 42 is the product of 3 and 14.
9. **3/14/45** — 45 is the product of 1, 5, and 9, the next three digits following 3.14.
10. **3/14/47** — 47 is the 15th prime number; 15 is the sum of the next three digits of pi following 3.14 (1, 5, and 9).
11. **3/14/48** — The sum of the 3rd and 14th prime numbers (5 and 43) equals 48.
12. **03/14/52** — Features digits 0 through 5, each appearing once.
13. **3/14/55** — The letter numbers of Pi Day add up to 55.
14. **3/14/59** — Each pair of adjacent digits sums to the following digit.
15. **3/14/73** — Pi Day falls on the 73rd day of a non-leap year.
16. **3/14/92** — The sum of the cubes of 3, 1, and 4 equals 92.

Tau Bates Celebrates





Unique Four-Digit Year Pi Days This Century

1. **3/14/2041** — Half of 314 is 157; multiplying 157 by the sum of its digits (13) yields 2041.
2. **3/14/2056** — Contains digits 0 through 6, each appearing once. Same for **3/14/2065**.
3. **03/14/2065** — Twice 2065 equals 4130, the reverse of 0314.
4. **3/14/2067** — 2067 equals 13 times 159, the next three digits of pi after 3.14.
5. **3/14/2075** — The sum of grouped three-digit segments of pi's first fifteen digits (314, 159, 265, 358, and 979) equals 2075.
6. **3/14/2083** — 2083 is the 314th prime number.
7. **3/14/2091** — The reverse of 2091 (1902) equals twice 951, and 951 reversed is 159, the digits following 3.14.

This year's Pi Day is a once-in-a-century event, offering a rare opportunity to marvel at the elegance and wonder of mathematics. I encourage everyone to take a moment to celebrate this extraordinary numerical phenomenon. After all, for most of us, this is truly a once-in-a-lifetime experience.

Happy Pi Day 2025!

Aziz S. Inan received his B.S. degree in electrical engineering from San Jose State University in 1978 and M.S. and Ph.D. degrees in electrical engineering from Stanford University in 1980 and 1983, respectively. Dr. Inan joined the electrical engineering department at the University of Portland in 1989 where he is currently teaching as a professor. A co-author of three textbooks in electromagnetics published in 1999, 2000, and 2015, he is a life member of IEEE.



Chapter Development Committee

— by Annie M. Brunton, AZ A '20



The Chapter Development Committee (ChapDev) would like to congratulate those who have recently graduated or will in a few months! We hope you are excited about the next chapter of your life, whether that be professional careers, higher

education, or other cool opportunities.

An easy way to learn more about TBP committees post-graduation is the Chapter Chat, "Volunteering with TBP Post-Graduation" on March 26! [Register here.](#)

If you enjoy or have enjoyed your time in TBP serving as a chapter officer, leading committees, or volunteering in meaningful projects, we highly recommend you continue to stay involved with TBP after graduation. After all, you are a **Tau Bate for Life!** One way to stay involved with the Association is through volunteering your time in committees like ChapDev.

Our committee is composed of up to nine alumni members motivated to improve Tau Beta Pi chapters. We do this by creating chapter improvement resources, managing the National Interactive Chapter Exchange (NICE) program, and tracking struggling chapters for consideration in chapter development projects. Each member serves a 3-year term with an option to stay on for additional terms.

We meet semi-monthly via a Zoom call to brainstorm chapter solutions and work on current projects. Most of our ChapDev members have the opportunity to attend the annual Convention to organize the NICE program and the Chapter Improvement Initiative. We hold a quarterly forum

where other TBP committees are invited to provide updates and collaborate on many projects.

Here are some of our past and current projects:

- Chapter Chats
- NICE (National Interactive Chapter Exchange)
- Chapter Improvement Plans (CIPs)
- Chapter Improvement Initiative
- Instagram Page Content

If you are interested in joining our committee, apply by April 21.

Apply to join the
ChapDev Committee!

As always, if you have any questions, feel free to reach out to us via the following methods:

Instagram

Discord Server

Email: tbp.chapterdev@tbp.org



Recent Chapter Activities



LA B: Mardi Gras Bent Decor — @tulanebpi



IN A: First AMM (All Member Meeting) — @purduetbp



FL G: LinkedIn Workshop — @tbpflg



CO D: Poker Night — @cu_tbp



NY G: Valentine's Day Card Making — @tbpnygamma

Thanks for posting your chapter events on social media! These images were featured on the chapters' Instagram accounts. Be sure to follow each of them to stay involved with Tau Bates across the country. Keep posting!

Follow our official Instagram account:

[**@taubetapiofficial**](https://www.instagram.com/taubetapiofficial)



Tau Beta Pi
The Engineering Honor Society

LOGO DESIGN COMPETITION

for K-12 MindSET

\$100 VISA GIFT CARD
for the winning entry!

Deadline is
March 31!

Send submissions to
tbp.mindset@tbp.org

Submit your design as a
.PNG file (minimum 300
DPI and <1MB)!

Submission Requirements:

- Must say "MindSET" but the "K-12" is optional
- Colorful, fun, and approachable
- Incorporate the Bent, artistically if possible
- Should be STEM themed
 - Symbols related to STEM
 - Elegant Math
 - Tiling, Fractals, etc.

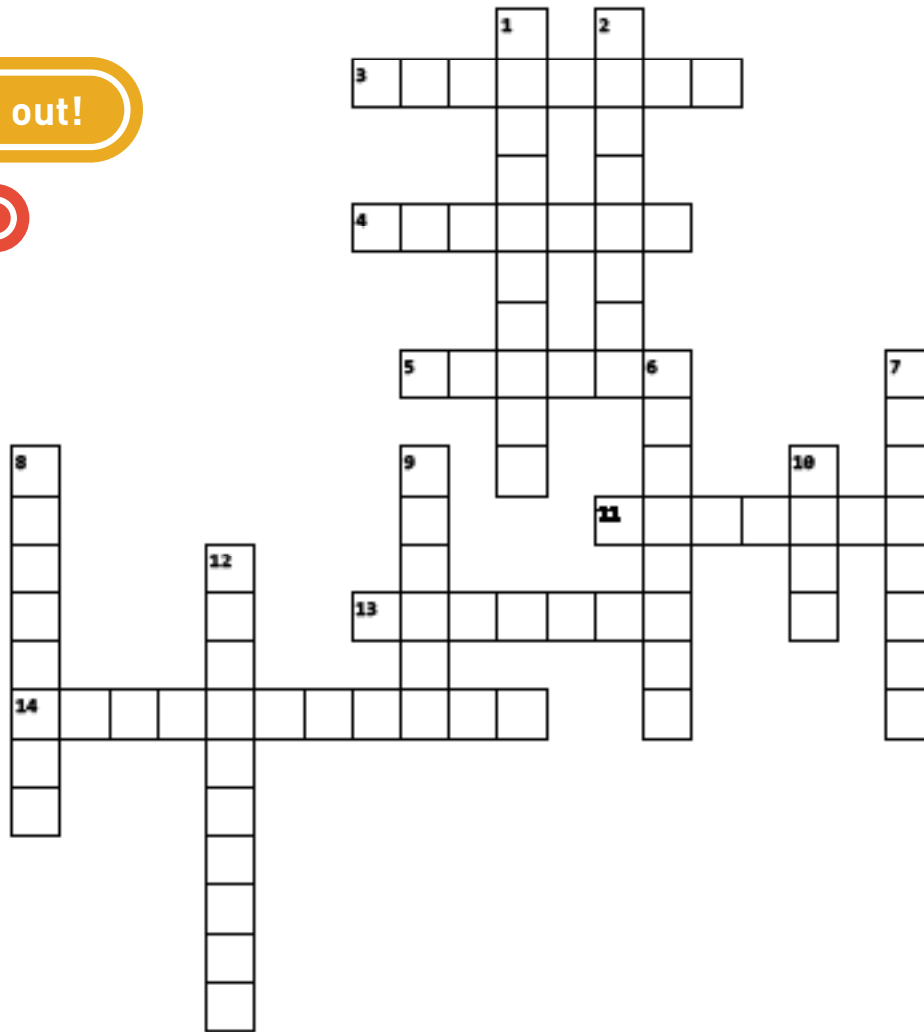
Learn more
about MindSET

Tau Beta Pi Crossword

Can you solve this puzzle filled with historical information about the Tau Beta Pi Engineering Honor Society? Our first TBP Crossword will challenge your knowledge of the Association. [The Info Book](#) on our website provides useful facts if you need a hint!

Print me out!

Answer Key



Across

Down

3. The name of an award given to TBP's exceptional mentors
4. The start of the traditional Tau Beta Pi Yell
5. The first student member of TBP
11. The class of Tau Bate who is initiated during his/her career
13. This program partners chapters with local schools to promote math and science in the K-12 system
14. These awards have been made to more than 4,401 members for their senior year of engineering study
1. The annual meeting of the legislative body of the Association
2. This award goes to up to five student members who exemplify the "spirit of liberal culture in engineering colleges"
6. The fraternity which merged with TBP in 1974
7. The Outstanding Chapter Award is named after _____
8. This woman received the first Women's Badge
9. The university where TBP was founded
10. The digital and print publication for TBP members
12. A series of financial stipends to support graduate study



Member Benefits

- **Ambition in Motion**

Connecting students and alumni with each other for professional guidance.

- **Civil Service**

Automatic entry-level advancement of U.S. Government applicants to GS-7.

- **Dell**

Exclusive member discounts on Dell products.

- **HP**

Exclusive member discounts on HP equipment and services.

- **LinkedIn**

Join 37,500 members in the official group for professional networking and career discussions.

- **SIRVA Home Benefits**

Moving discounts & real-estate services.

- **PPI**

Discounts on professional licensing exam review materials (FE/EIT, PE, LEED & more).

- **TBP Job Board**

Post a resume and browse through hundreds of engineering jobs at top companies.

- **TBP Travel Discount**

Members have access to a worldwide inventory of hotels at discounted rates. Book today and save an average of 10-20 percent.

Are you looking to invite alumni to your initiation or other activities?

Wanting to connect with TBP alumni in your area or from your chapter?

Are you looking for new advisors for your chapter?

Contact Tricia Gomulinski

TBP Director of Alumni Affairs

t.gomulinski@tbp.org



WINTER VACATION GIVEAWAY!

Book your TRAVEL DISCOUNT before March 31, 2025 and you could WIN back your purchase!

[book today](#)

This benefit is provided by Local Hospitality Inc.



Apply for a TBP Scholarship Today

Deadline is April 1.

Apply here!

Learn more about our Scholarships.

The Scholarship application period is now open! Each year, the Association selects at least 250 applicants to be awarded a scholarship of up to \$2,000 based on academic achievement, extracurricular activities, and promise of substantial contributions to the engineering profession. Last year, 253 scholarships from 1,328 applicants were awarded.

Scholarships are restricted to initiated members planning to return to school for at least one semester of full-time undergraduate study. Members and candidates for membership who will be initiated by June 1 are welcome to apply.

Don't Miss these Chapter Chats!

The Chapter Development Committee has created Chapter Chats as a multi-monthly series of presentations to assist you in the success of your chapters. These chats focus on improving chapter health by increasing membership and leadership, developing engaging chapter activities, and increasing campus visibility. For a list of all the panels this semester, go [here](#).

Mar. 3 @ 8:30 p.m. ET

Constitution Ratification, Officer Signatures, and Other "Governmental" Proceedings

Mar. 26 @ 8:30 p.m. ET

Volunteering with TBP Post-Graduation

Apr. 7 @ 8:30 p.m. ET

End-of-Year Chapter Reporting



Award Submissions Deadline

Submissions are due April 1, so if you know of a member who is deserving of an Association award, don't delay — **send your nomination today.**

Laureates

This award recognizes members who excel in areas outside of engineering (arts, athletics, service, and diverse achievements). Winners will be announced in July and each will receive \$2,500, a recognition plaque, and an invitation to attend Convention.

The McDonald Mentor Award celebrates excellence in mentoring. The awardee will receive an engraved medallion, a replica lapel pin, \$1,000, and an invitation to attend Convention, and the nominating chapter receives \$1,000.

McDonald Mentor

Outstanding Advisor

This award recognizes outstanding performance among the Tau Beta Pi Chapter Advisors. The recipient is awarded a plaque, \$1,000, and an invitation to attend Convention, and the nominating chapter's dean receives \$1,000 for their discretionary fund.

Put power in motion



Save more with their member's benefits



HP Days Sale March 9th-15th



2025 District Conference Schedule

Are you interested in becoming more involved with your chapter?

District Conferences are an invaluable training tool for new officers and members. The primary goal is to aid in chapter officer transition, provide a social opportunity for chapters, and on-boarding to help maintain continuity for chapter leadership. Conferences are coordinated by your District Directors who are a vital resource for your chapter.

Dates are subject to change; check for updates and District Directors' contact information [here](#).

2025 District Conference Schedule

District 1	Vermont Alpha	Burlington, VT	April 5-6
District 2	New York Tau	Binghamton, NY	April 5-6
District 3	Pennsylvania Gamma	TBD	April 11-12
District 4	North Carolina Alpha	Raleigh, NC	April 4-5
District 5	Florida Alpha	Gainesville, FL	March 1-2
District 6	Tennessee Gamma	Cookeville, TN	February 7-8
District 7	Michigan Kappa	Kalamazoo, MI	April 4-5
District 8	Illinois Beta	Chicago, IL	April 12-13
District 9	Missouri Beta	Rolla, MO	March 8
District 10	Louisiana Alpha	Baton Rouge, LA	April 12
District 11	Minnesota Alpha	Minneapolis, MN	April 12
District 12	Idaho Gamma	Boise, ID	March 8-9
District 13	New Mexico Beta	Albuquerque, NM	April 5
District 14	Oregon Gamma	Portland, OR	February 22-23
District 15	California Lambda	Davis, CA	March 8
District 16	California Nu	Pomona, CA	February 22-23



District 7 Conference in 2024

Executive Council Nominations

Members, please send a nomination for the 2025 Executive Council (EC)! The 2025 TBP Convention will elect three members to serve on the EC based on nominations by collegiate or alumni chapters submitted by July 1. The Executive Director can work with candidates seeking a formal nomination.

Candidates with experience in a variety of functions—management, finance, teaching, business, research, etc. and those with knowledge in the areas of image enhancement, branding, fundraising/development, alumni relations, and advising collegiate chapters are strongly encouraged to consider running. For more information, read the position description. If you know

of a qualified candidate or are interested in learning more, review this letter.

Send your nominations to Tau Beta Pi Headquarters by July 1.

[Learn more!](#)

TAU BATE TALKS



The Tau Beta Pi Engineering Honor Society Speaker Series

Tau Beta Pi is an international community of talented engineers with wisdom and experience about a plethora of topics. Our monthly Tau Bate Talks are an opportunity for members to learn about a variety of real-world issues from other members. Join our monthly Zoom sessions featuring alumni who have used their engineering backgrounds to pursue fascinating experiences, such as previous sessions about sustainability, technology, space exploration, and many more to come!

If you would like to be notified of future Talks, [please contact the committee](#) and ask to be added to the Tau Bate Talks email list.

[Visit the schedule on our website](#) to browse upcoming topics, register for a talk, and view recordings of previous talks.



Tau Beta Pi Alumni Panel hosted by Texas Theta featured three alumni speakers: (left to right) Rick Ow, CA Z '90, Keith Fong, TX Θ '88, and Crystal Lucero, TX Θ '12.

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Save up to 5% on qualifying purchases with your member discount.



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Give us any device, in any condition. Eligible devices lead to upgrades, and everything else gets recycled.



DELL REWARDS.

Get free expedited delivery, and earn up to 3% back in rewards* to use on thousands of products from Dell.



PREMIUM SUPPORT PLUS.

Premium Support Plus now packs more power with Extended Battery Service on Select Laptops.

Members can access savings by visiting the Tau Beta Pi website: www.tbp.org/dell-request.cfm



More is possible



Offer valid 2/1/2025-1/30/2026 at 7:59AM EST. Not valid for resellers and/or online auctions. Dell reserves the right to cancel orders arising from pricing or other errors. *Offers subject to change, not combinable with all other offers. Taxes, shipping, and other fees apply. Free shipping offer valid in Continental U.S. (excludes Alaska and P.O. Box addresses). Offer not valid for Resellers. Dell reserves the right to cancel orders arising from pricing or other errors. Microsoft and Windows are trademarks of Microsoft Corporation in the U.S. and/or other countries. Screens simulated, subject to change. Windows Store apps sold separately. App availability and experience may vary by market. *Rewards 3% excludes taxes and shipping. Rewards expire on the 15th day of the fourth month following the month in which they were earned. The total amount of Rewards Points that can be earned each Dell fiscal quarter shall not exceed 200,000. (The Dell fiscal calendar begins in February.) Outlet purchases do not qualify for rewards. Expedited Delivery not available on certain monitors, batteries and adapters and is available in Continental (except Alaska) U.S. only. Other exceptions and restrictions apply. Not valid for resellers and/or online auctions. Offers and rewards subject to change without notice, not combinable with all other offers. See full program terms at www.Dell.com/rewards. To join Dell Rewards, sign into your Dell Account (or create one) and select the box to join the Dell Rewards program. Your name and email is all you need to join. Offer will be received within 30 business days after Dell Pay Credit Account open date. This rewards program is provided by Dell and its terms may change at any time. For full Rewards Terms and Conditions, please see Dell.com/Rewards. Copyright © 2025 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners. 2536890