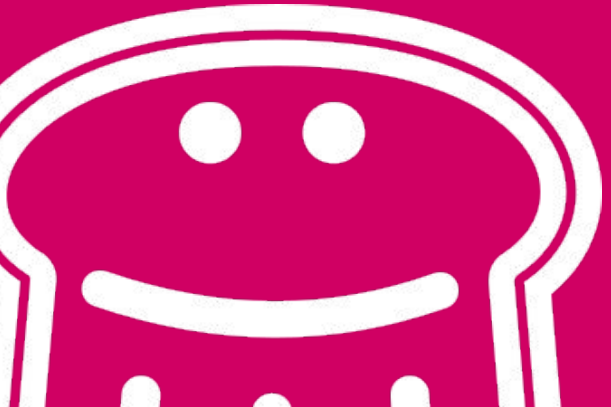
Rump #0

PTS24 team feedback



Call for Papers 2024

Year	Submissions	Accepted	Invited (among accepted)	Accept. Rate
2024	39	30	2	77%

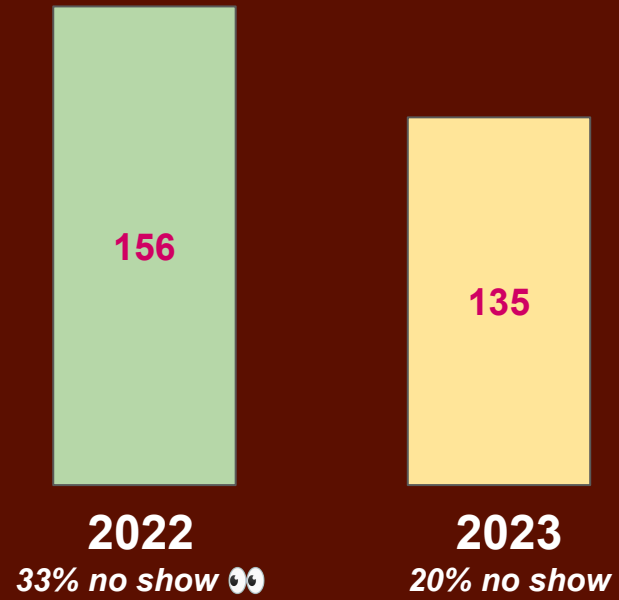
Call for Papers 2024 vs 23, 22

Year	Submissions	Accepted	Invited (among accepted)	Accept. Rate
2024	**39**	**30**	**2 (6.66%)**	**76.9%**
2023	45	25	2 (8.00%)	55.5%
2022	39	27	5 (18.5%)	69.2%

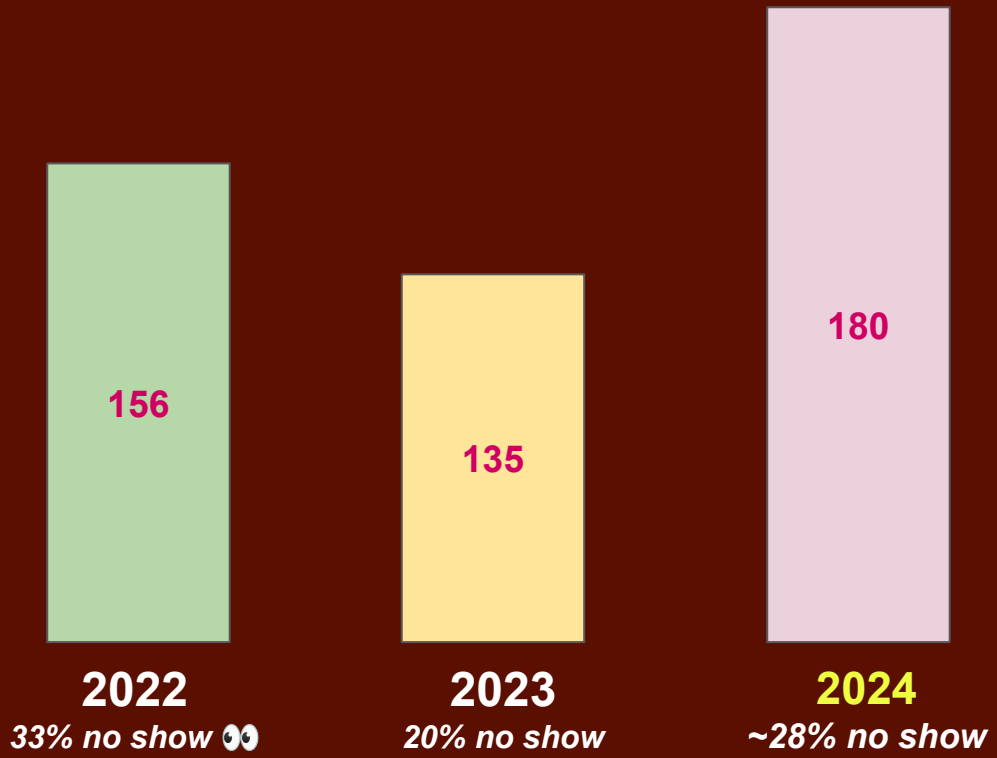
Remarks:

- **9 workshops** this year (11 submitted) vs 3 in 2023
- **all talks are reviewed**, no sponsored talk
- **Hybrid model**: CFP + a low number of invited talks

Attendees & Communication



Attendees & Communication



2024 communication :

- **3 social networks**,
- regularly since January and **weekly since May**,
- push to **local infosec communities** (not very successful)

Rough Budget

2024 global budget: ~14.000€

- 38% Catering
- 29% Speakers Reimbursement
- 22% Goodies
- 11% General (servers, bank,...)

Open data

FTR all our **figures** and **analysis** are **openly available**:

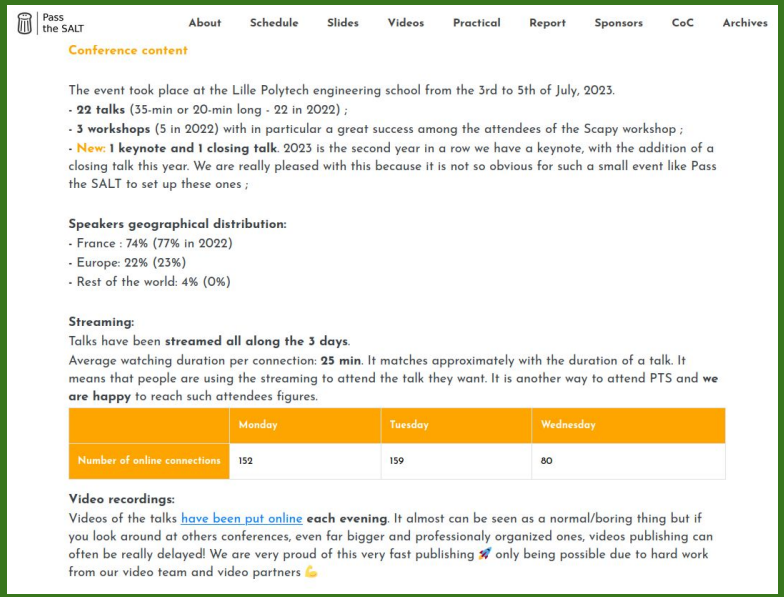
Acceptation rate & invited talks figures

Year (IRL editions)	Submissions	Accepted	Invited talks among accepted ones	Acceptation Rate
2023	**45**	**25**	**3 (12%)**	**55.5%**
2022	39	27	5 (18.5%)	69.2%
2019	46	35	3 (12.0%)	76.0%
2018	37	29	4 (14.0%)	78.3%

👉 https://www.pass-the-salt.org/

Open data

FTR all our **figures** and **analysis** are **openly available**:



Pass the SALT

About Schedule Slides Videos Practical Report Sponsors CoC Archives

Conference content

The event took place at the Lille Polytech engineering school from the 3rd to 5th of July, 2023.
- **22 talks** (35-min or 20-min long - 22 in 2022) ;
- **3 workshops** (5 in 2022) with in particular a great success among the attendees of the Scapy workshop ;
- New: **1 keynote and 1 closing talk**. 2023 is the second year in a row we have a keynote, with the addition of a closing talk this year. We are really pleased with this because it is not so obvious for such a small event like Pass the SALT to set up these ones ;

Speakers geographical distribution:
- France : 74% (77% in 2022)
- Europe: 22% (23%)
- Rest of the world: 4% (0%)

Streaming:
Talks have been **streamed all along the 3 days**.
Average watching duration per connection: **25 min**. It matches approximately with the duration of a talk. It means that people are using the streaming to attend the talk they want. It is another way to attend PTS and **we are happy** to reach such attendees figures.

	Monday	Tuesday	Wednesday
Number of online connections	152	159	80

Video recordings:
Videos of the talks have been put online **each evening**. It almost can be seen as a normal/boring thing but if you look around at others conferences, even far bigger and professionaly organized ones, videos publishing can often be really delayed! We are very proud of this very fast publishing 🚀 only being possible due to hard work from our video team and video partners 💪

A yearly online report (late summer) with:

- **all the figures**
- **in depth analysis and feedback**

👉 Last report: https://2023.pass-the-salt.org/annual-report/

AI communication because … 2024

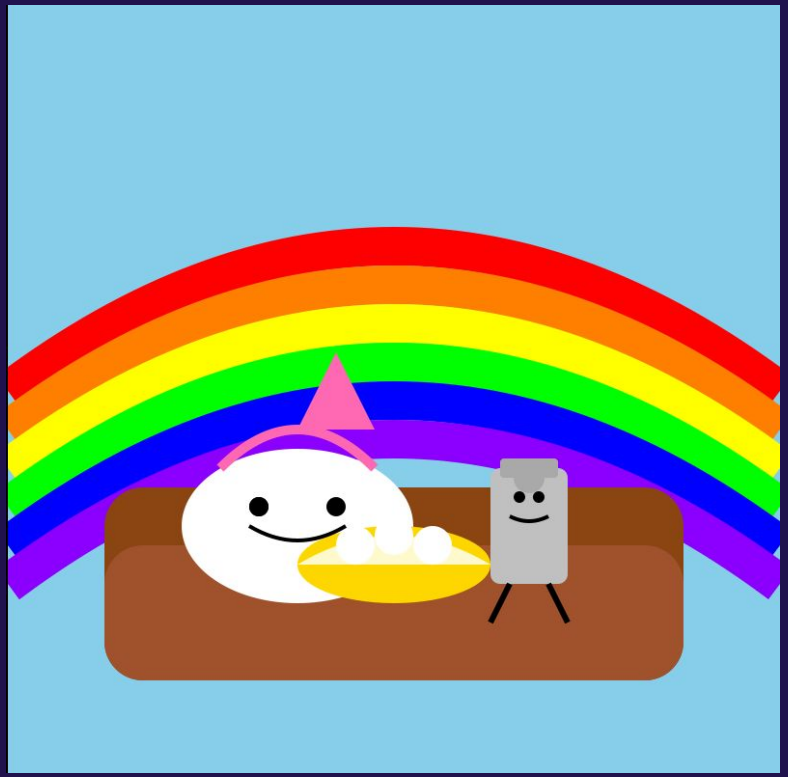
Not so magical in fact...

Dedicace to Cooper

You ❤️ 2024 Stickers?

Stickers you missed

SVG: not production ready *yet* 😊



1) cartoon of a unicorn and a salt shaker playing outside in the snow =>
Animated image of a fantastical white unicorn with a radiant, spiraling horn along with a cheerful, anthropomorphic salt shaker both having fun in the winter countryside outdoors. They are frolicking gleefully in the thick blanket of snow that covers the ground, under a clear, beautiful blue sky.

2) a unicorn and an anthropomorphic salt shaker happily writing on their laptop in their bedroom =>
In a warmly lit, cozy bedroom, an animated unicorn and an anthropomorphic salt shaker charismatically express their creativity. They sit side by side on a soft, plush bed. The unicorn, with its pure white coat and spiraling, golden horn, gently taps on the keys of a silver laptop. Its mane, a shimmering pool of rainbow hues, spills over its shoulders. Next to it, the salt shaker, a cute little character with a silver cap and happy face, raises a tiny arm to type on its miniature laptop. The pair work harmoniously, engrossed in their task, surrounded by comfortable cushions and blankets.

3) an anthropomorphic salt shaker as a speaker picture =>
Picture an anthropomorphic salt shaker taking on the role of a speaker. This creative depiction of everyday objects should evoke a sense of novelty and surprise. The salt shaker should have expressive eyes and mouth symbolizing its ability to communicate effectively. It could be standing behind a miniature podium, giving an impression of it delivering a speech. The scene is humorous, showing the banality of everyday items in a fun and whimsical way. It represents a novel and imaginative interpretation of a salt shaker as a speaker.

4) joyful unicorn and anthropomorphic salt shaker eating popcorn and watching at screen =>
A scene where a unicorn filled with joy, with a vibrant rainbow behind it, and an anthropomorphic salt shaker with arms and legs, sit together on a cozy couch. They are eating a big bowl of crunchy buttery popcorn, their eyes gleaming with delight and excitement. They are engaged in watching a stand-mounted flat screen televion in front of them. Floating around them, colors of the movie they are watching reflect off their bodies, creating a captivating ambiance. Bright fluffy popcorn kernels are also visible here and there.

5) A sticker picturing a scene where a unicorn filled with joy, with a vibrant rainbow behind it, and an anthropomorphic salt shaker with arms and legs, sit together on a cozy couch. They are eating a big bowl of crunchy buttery popcorn, their eyes gleaming with delight and excitement. Write #PTS24 on the bowl

6) Visualize a humorous scene of an animated salt shaker demonstrating its capacity of communication as it adeptly takes on the role of a speaker. The salt shaker is anthropomorphic, featuring expressive eyes and a mouth that showcases its ability to speak. It stands behind a small podium, which gives further emphasis to its role as a speaker. The overall intent is to depict ordinary everyday objects like the salt shaker in interesting and surprising ways that can invoke laughter and a sense of charm. This whimsical portrayal is meant to demonstrate a unique and fanciful perspective of everyday items getting involved in human-like activities. The design should imitate a sticker style

2018

2019

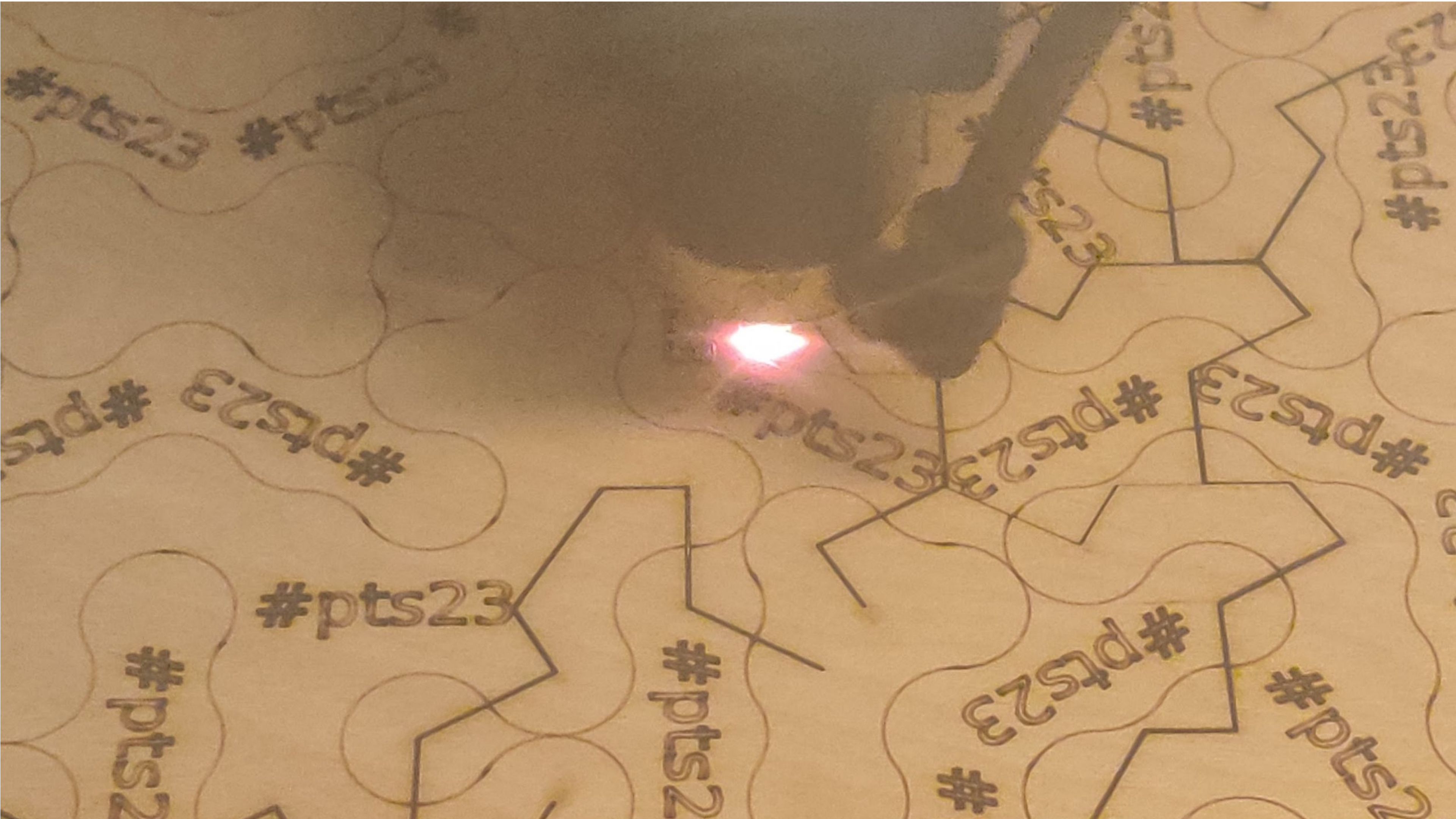
2022

2023

Olympic Games: *“Only 1 Gold medal”*

Pass the SALT: *“Hold my beer …”*

18 h later…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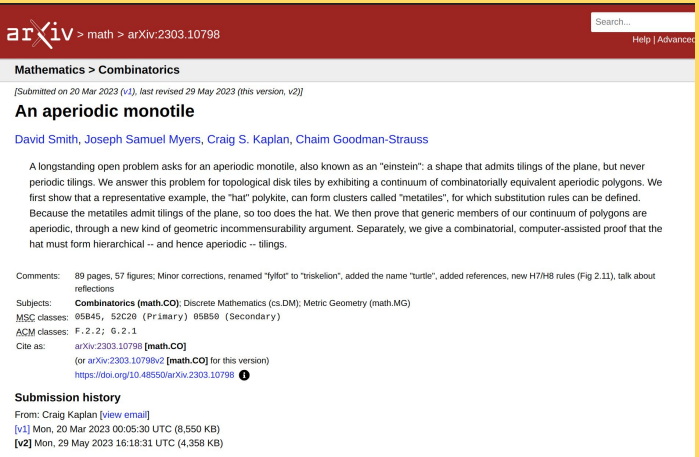
Reuse… but once !
Solution to Einstein problem

"ein Stein" is German for "one stone"
[…] about the existence of […]
a shape that can tessellate space
but only in a nonperiodic way

Wikipedia



arXiv > math > arXiv:2303.10798

Search... Help | Advanced

Mathematics > Combinatorics

[Submitted on 20 Mar 2023 (v1), last revised 29 May 2023 (this version, v2)]

An aperiodic monotile

David Smith, Joseph Samuel Myers, Craig S. Kaplan, Chaim Goodman-Strauss

A longstanding open problem asks for an aperiodic monotile, also known as an "einstein": a shape that admits tilings of the plane, but never periodic tilings. We answer this problem for topological disk tiles by exhibiting a continuum of combinatorially equivalent aperiodic polygons. We first show that a representative example, the "hat" polykite, can form clusters called "metatiles", for which substitution rules can be defined. Because the metatiles admit tilings of the plane, so too does the hat. We then prove that generic members of our continuum of polygons are aperiodic, through a new kind of geometric incommensurability argument. Separately, we give a combinatorial, computer-assisted proof that the hat must form hierarchical -- and hence aperiodic -- tilings.

Comments:	89 pages, 57 figures; Minor corrections, renamed "fylfot" to "triskelion", added the name "turtle", added references, new H7/H8 rules (Fig 2.11), talk about reflections
Subjects:	**Combinatorics (math.CO)**; Discrete Mathematics (cs.DM); Metric Geometry (math.MG)
MSC classes:	05B45, 52C20 (Primary) 05B50 (Secondary)
ACM classes:	F.2.2; G.2.1
Cite as:	arXiv:2303.10798 **[math.CO]**
	(or arXiv:2303.10798v2 **[math.CO]** for this version)
	https://doi.org/10.48550/arXiv.2303.10798

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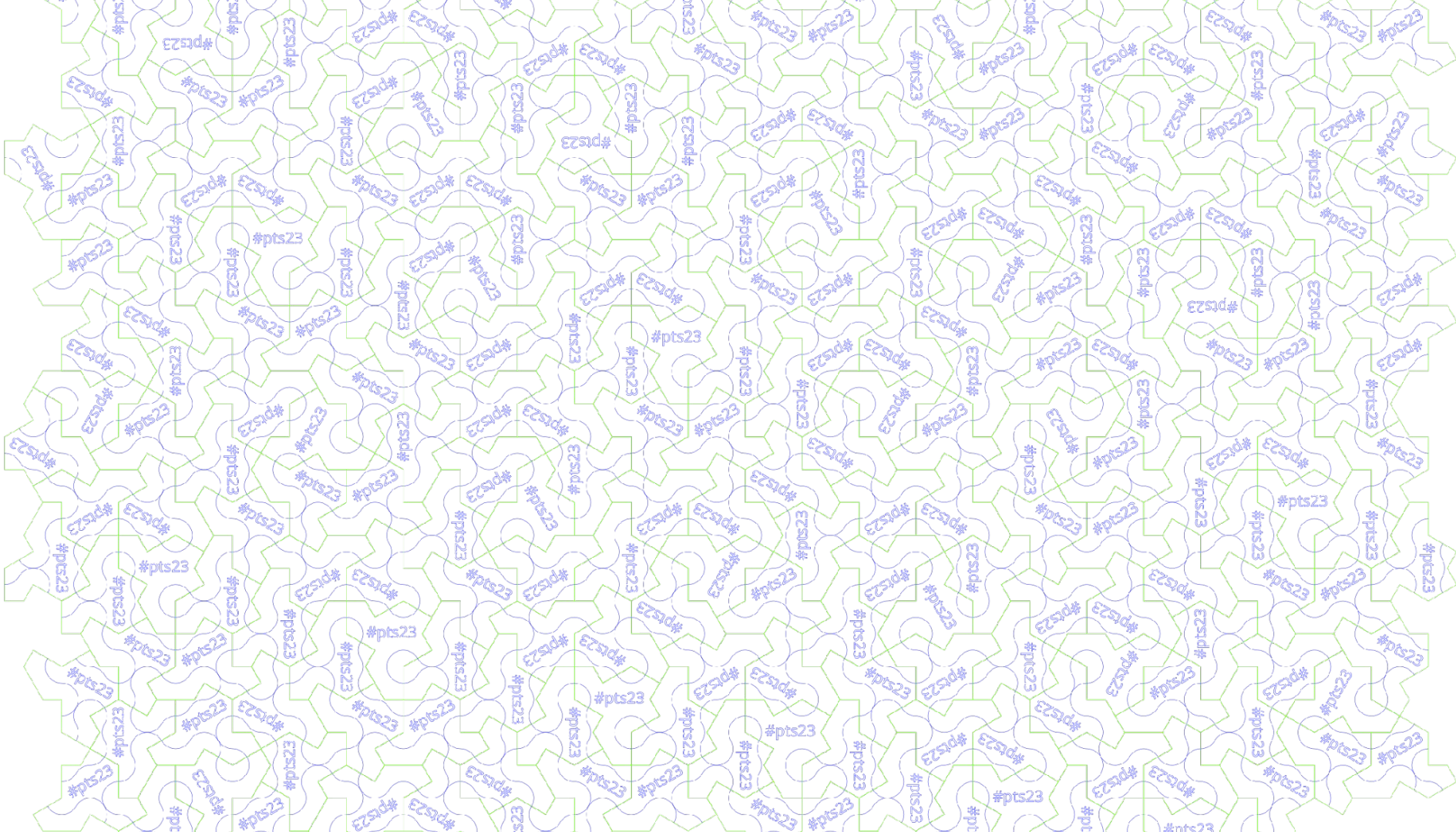
From: Craig Kaplan [view email]
[v1] Mon, 20 Mar 2023 00:05:30 UTC (8,550 KB)
[v2] Mon, 29 May 2023 16:18:31 UTC (4,358 KB)


#pts23


#pts24