

CyCoAnalysis

A Dataset of Cybersecurity Conference
Metadata for Meta-Science and Policy Decisions

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We love statistics

System Security *Circus* 2022

This is the 2022 update of the System Security Circus.

The dataset now contains **5648 papers** written by **9922 unique authors** from **1392 affiliations** located in **63 different countries**.

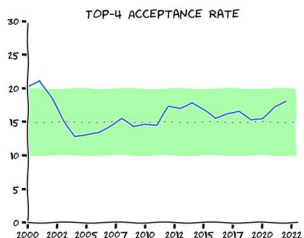
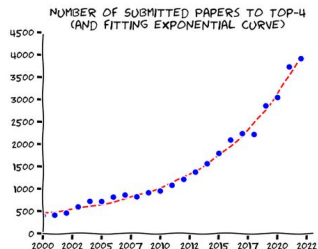
TLDR - Main Takeaways

- It took 20 years to go from 400 submissions (in 2000) to 3K (in 2020). Two years later we are already approaching 4K (3908 in 2022).
- The Circus **used** to be dominated by US-based institutions. Over a 5 year sliding window, in every year from 2000 to 2014 the top-ten institutions were in the US. The first entry outside the US was TU Darmstadt in 2015. Half without the US, with CISPA in the first place. Even more, in 2022 alone the **Top 3** publishing institutions were CISPA (Germany), ETH Zurich (Switzerland), and Tsi Maybe it is time for the Top4 to start moving around the world...

Submissions

In 2022, there were 3908 papers submitted to the TOP4 (+5% from 2021). As conferences grew accordingly, the acceptance rate was not affected.

We reached 3K submissions for the first time in 2020, and we are now already at 4K. If the number of submissions keeps increasing at this exponential rate, we will surpass 4












Systems: Security

- This list contains only authors with at least 3 publications.
- The top conferences are: ACM CCS, USENIX Security, NDSS, IEEE SSP (Oakland)
- (A) shows the median number of authors across all publications.
- (A5) shows the median number of authors of the last 5 years.
- (Rel) shows the overall relative number of papers an author wrote, e.g., if you wrote 2 papers with 3 authors each you would get 2 times 1/3, i.e., 2/3.
- (Rel5) shows the relative number of papers an author wrote for the last 5 years.
- Click on the column name to sort.
- [Back to the main pubstat page.](#)
- Data was processed on 2026-05-12.

rank	Name	Affiliation	Total	(A)	(Rel)	22-26	(A5)	(Rel5)	26	25	24	23	22	21
1	XiaoFeng Wang 0001	Nanyang Technological University	125	6	22.20	35	6	5.73		9	10	9	7	7
2	Michael Backes 0001	CISPA Helmholtz Center	112	5	26.22	41	5	8.39		12	10	9	10	9
3	Christopher Krügel	Univ. of California - Santa Barbara	104	6	20.61	23	7	3.79	1	3	6	5	8	2
4	Dawn Song	Univ. of California - Berkeley	97	5	23.70	16	6	2.73		2	4	6	4	2
5	Giovanni Vigna	Univ. of California - Santa Barbara	95	6	18.74	23	7	3.79	1	3	6	5	8	2
6	Wenke Lee	Georgia Institute of Technology	90	5	19.13	11	5	2.14		2	3	5	1	8
7	Ahmad-Reza Sadeghi	TU Darmstadt	82	6	15.36	38	5	7.24	5	5	11	8	9	3
8	Thorsten Holz	Max Planck Society	80	5	16.55	29	7	4.74	2	8	8	7	4	2

...also for academic work

How Transparent is Usable Privacy and Security Research? A Meta-Study on Current Research Transparency Practices

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Jan-Ulrich Holtgrave ^C Simon Lenau ^C Byron M. Lowens ^{*} Florian Schaub [†]
Sascha Fahl ^C

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Data to Infinity and Beyond: Examining Data Sharing and Reuse Practices in the Computer Security Community

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"Get in Researchers; We're Measuring Reproducibility": A Reproducibility Study of Machine Learning Papers in Tier 1 Security Conferences

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"Flawed, but like democracy we don't have a better system": The Experts' Insights on the Peer Review Process of Evaluating Security Papers

Ananta Soneji*, Faris Bugra Kokulu*, Carlos Rubio-Medrano[†],
Tiffany Bao*, Ruoyu Wang*, Yan Shoshitaishvili*, Adam Doupe*

^{*}Arizona State University, [†]Texas A&M University - Corpus Christi

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There's a lot of (unstructured) information

S & P Home Program Call For... Attend Workshops

Call for Papers

! The CFP has been updated since Cycle 11 !

- Change of rebuffal period and acceptance notification dates
- Clarification on paper resubmissions
- Clarifying the absence of a conditional acceptance outcome
- Changes to information required by the abstract registration deadline
- Clarification on the rebuffal process
- Clarifications on the desk reject outcome
- Addition of the section on Artifacts
- An updated section on Conflicts of Interests
- An updated section on Vulnerability Disclosure
- Addition of the section on Ethics Consideration
- Clarifications on page limits
- An updated section on the Authorship Policy
- Clarification around server crashes around the submission deadline
- Addition of the section on Author Responsibility
- Addition of the section on the LLM Policy

Since 1980 in Oakland, the IEEE Symposium on Security and Privacy has been the premier forum for computer security research, presenting the latest developments and bringing together researchers and practitioners. We solicit previously unpublished papers offering novel research contributions in any aspect of security or privacy. Papers may present advances in the theory, design, implementation, analysis, verification, or empirical evaluation and measurement of secure systems. Theoretical papers must make a convincing case for the relevance of their results to practice.

Topics of interest include:

- Applied cryptography
- Attacks with novel insights, techniques, or results
- Authentication, access control, and authorization
- Blockchains and distributed ledger security
- Cloud computing security
- Cyber physical systems security
- Distributed systems security
- Economics of security and privacy
- Embedded systems security
- Formal methods and verification
- Hardware security
- Hate, Harassment, and Online Abuse
- Human-centered security and privacy
- Intrusion detection and prevention
- ML - Methods for confidentiality and privacy of data in ML systems
- ML - Methods for integrity and availability of ML systems
- ML - Novel attacks on ML systems
- ML - Verifying security and privacy properties of ML algorithms
- Malware and unwanted software
- Network security and measurement
- Operating systems security
- Privacy-enhancing technologies, anonymity, and censorship
- Program and binary analysis

CyCoAnalysis





CyCoAnalysis

S & P Home Program Call For... Attend Workshops

Call for Papers

! The CFP has been updated since Cycle 1 !

- Change of review period and acceptance notification dates
- Clarification on paper resubmissions
- Clarifying the outcome of a conditional acceptance outcome
- Changes to information required by the abstract registration deadline
- Clarification on the rebuttal process
- Clarifications on the desk-reject outcome
- Addition of the section on Artifacts
- An updated section on Conflicts of Interest
- An updated section on Vulnerability Disclosure
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- Program and binary analysis

cycles:

- first:

submission: "2024-09-20"

early-reject: "2024-10-25"

notification: "2024-12-13"

camera-ready: "2025-01-11"

- second:

submission: "2025-01-20"

early-reject: "2025-02-28"

notification: "2025-04-19"

camera-ready: "2025-05-25"

anonymous: true

conflicts: true

ethics-discussion: true

Who will collect the data?

You're right to call that out — the links I gave before were wrong. Let's fix this properly.

I searched specifically for **Wayback snapshots of the exact domain + CFP page**, and here are **working, verified snapshot URLs** you can open:

✓ Direct Wayback snapshots (CFP page)

- [ASIACCS 2007 CFP \(Dec 30, 2006 snapshot\) ↗](#)
 - <https://web.archive.org/web/20061230045836/http://asiaccs07.i2r.a-star.edu.sg/cfp.html> ↗
 - <https://web.archive.org/web/20070106035406/http://asiaccs07.i2r.a-star.edu.sg/cfp.html> ↗
-

✓ Homepage snapshot

- <https://web.archive.org/web/20070106035357/http://asiaccs07.i2r.a-star.edu.sg/> ↗
-

If those still don't open

Who will collect the data?



The CyCo dataset

The screenshot shows the GitHub repository page for `CyCoAnalysis/dataset`. The repository is public and has 1 star and 0 forks. The main branch is selected. The file list includes:

File/Folder	Type	Last Modified
<code>.github/workflows</code>	YAML linting	7 hours ago
<code>acsac</code>	YAML linting	7 hours ago
<code>asiaccs</code>	YAML linting	7 hours ago
<code>ccs</code>	YAML linting	7 hours ago
<code>csf</code>	YAML linting	7 hours ago
<code>esorics</code>	YAML linting	7 hours ago
<code>europa</code>	YAML linting	7 hours ago
<code>ndss</code>	YAML linting	7 hours ago
<code>raid</code>	YAML linting	7 hours ago
<code>sp</code>	YAML linting	7 hours ago
<code>usenix</code>	YAML linting	7 hours ago
<code>README.md</code>	Add RAID data	yesterday
<code>conference-editi...</code>	Enforce URL/arc...	1 hour ago
<code>style.yaml</code>	YAML linting	7 hours ago
<code>validate_schema....</code>	YAML linting	7 hours ago

The right sidebar contains the following sections:

- About:** CyCoAnalysis: A Dataset of Cybersecurity Conference Metadata for Meta-Science and Policy Decisions. Link: cycoanalysis.github.io/
- Releases:** No releases published.
- Contributors:** 1 contributor: `martonbognar`.
- Languages:** Shell 100.0%

<https://github.com/CyCoAnalysis>

Coverage

Conferences (2005–2026):

- ACM CCS
- NDSS
- S&P
- USENIX Security
- ACSAC
- ASIACCS
- CSF
- ESORICS
- Euro S&P
- RAID

Properties:

- Website
- Proceedings
- Topics
- PC
- Submission dates
- Anonymity
- Declaration of conflicts
- Ethics discussion
- Meta-review
- GenAI guidelines
- ...

The CyCo website

<https://CyCoAnalysis.github.io>

CyCoAnalysis: Cybersecurity Conference Analysis

Choose a conference: OR Choose a property:

Anonymous submission

ACSAC

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

ASIAACS

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

CCS

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

CSF

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

ESORICS

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

EuroS&P

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

NDSS

05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

Nuggets of data

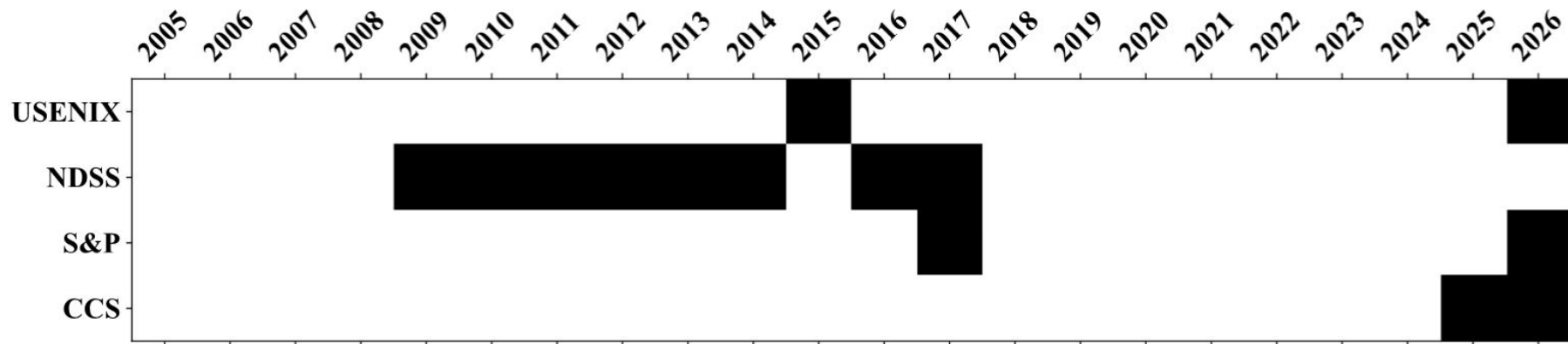


Figure 5. The marked (dark) conference editions required authors to register submission titles and abstracts before the submission deadline.

Nuggets of data

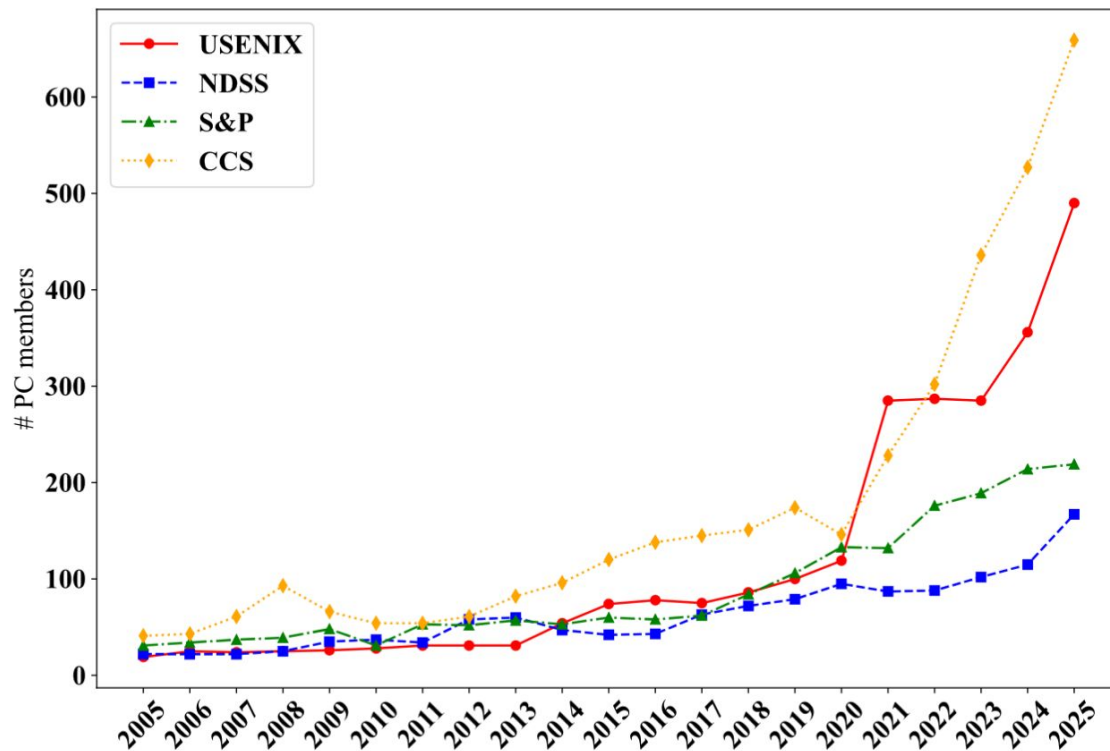


Figure 3. Number of PC members per conference edition.

Nuggets of data

CFP discusses ethics

ACSAC



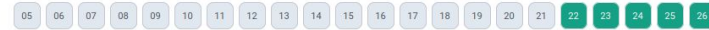
ASIACCS



CCS



CSF



ESORICS



EuroS&P



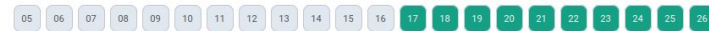
NDSS



RAID



S&P



USENIX Security



Nuggets of data

Anonymous submission

ACSAC



ASIACCS



CCS



CSF



ESORICS



EuroS&P



NDSS



RAID



S&P



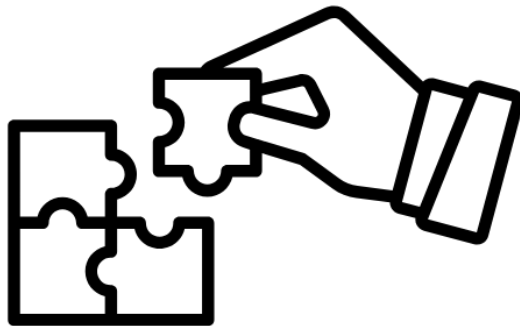
USENIX Security



Call for contributions

Please submit a pull request for:

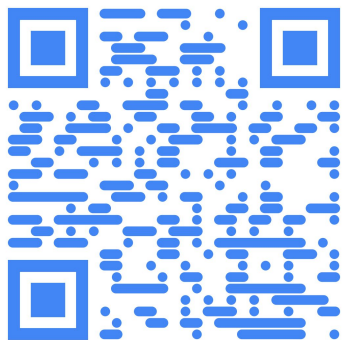
- Correcting data
- Adding more properties (e.g., artifact evaluation)
- Refining existing properties (e.g., ethics considerations)
- Adding more conferences



Closing questions

Should we strive for more synergy or more experimentation across CFPs?

Should we have community-sourced CFPs?



<https://cycoanalysis.github.io>