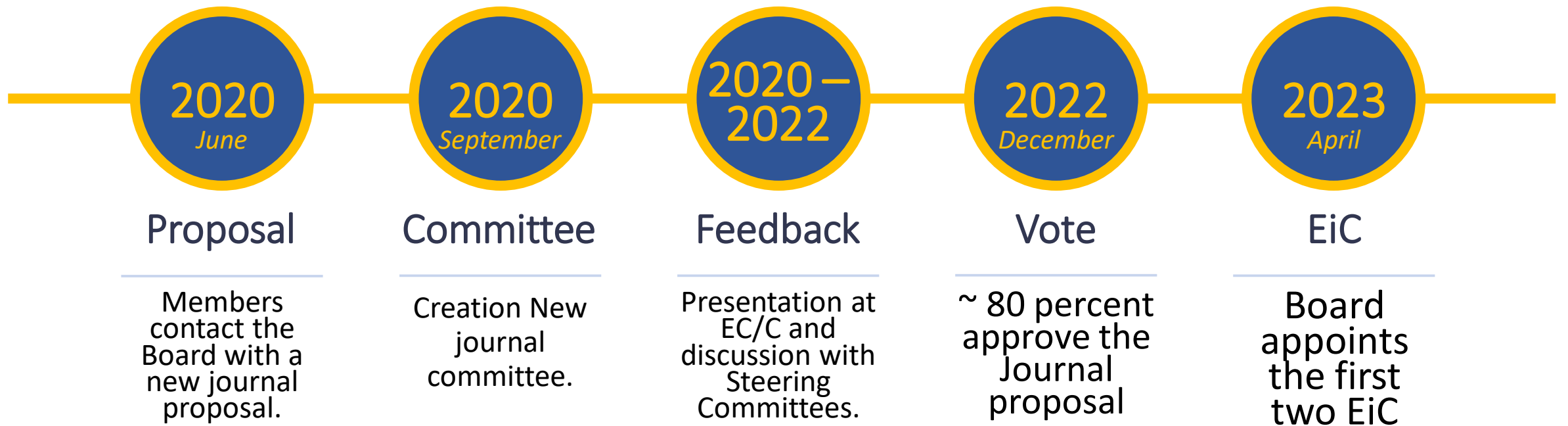


# IACR Communications in Cryptology

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A long journey



# IACR Communications in Cryptology

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A long journey

2020  
*June*

Proposal

Members contact the Board with a new journal proposal.



Joppe W. Bos

and



Andreas Hülsing

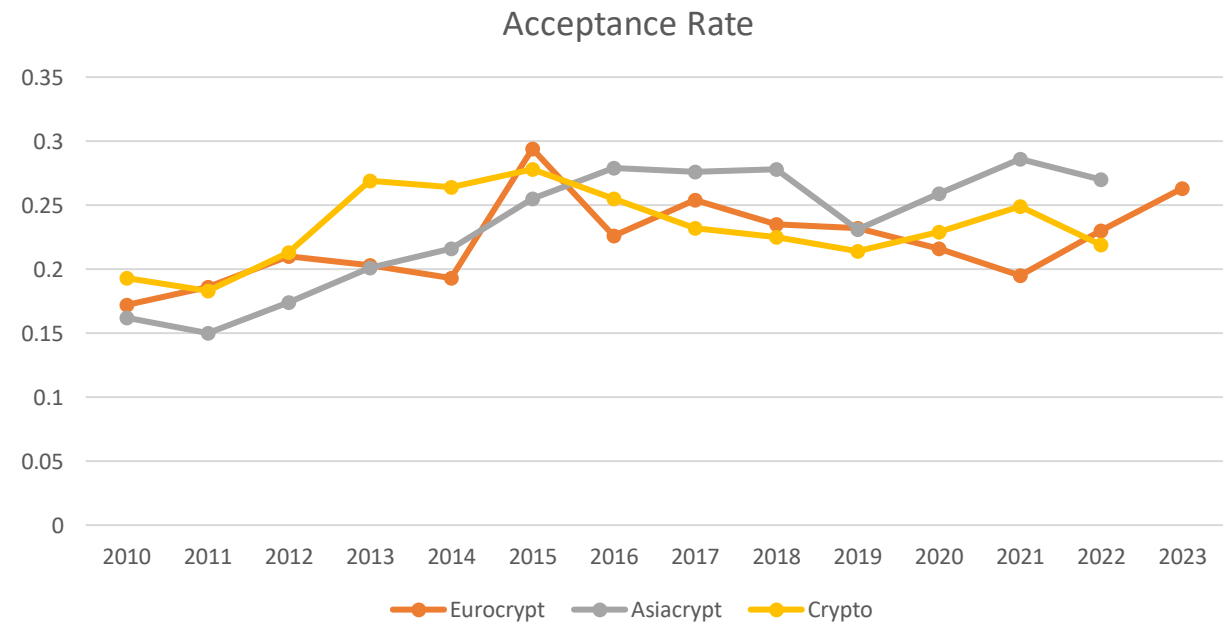
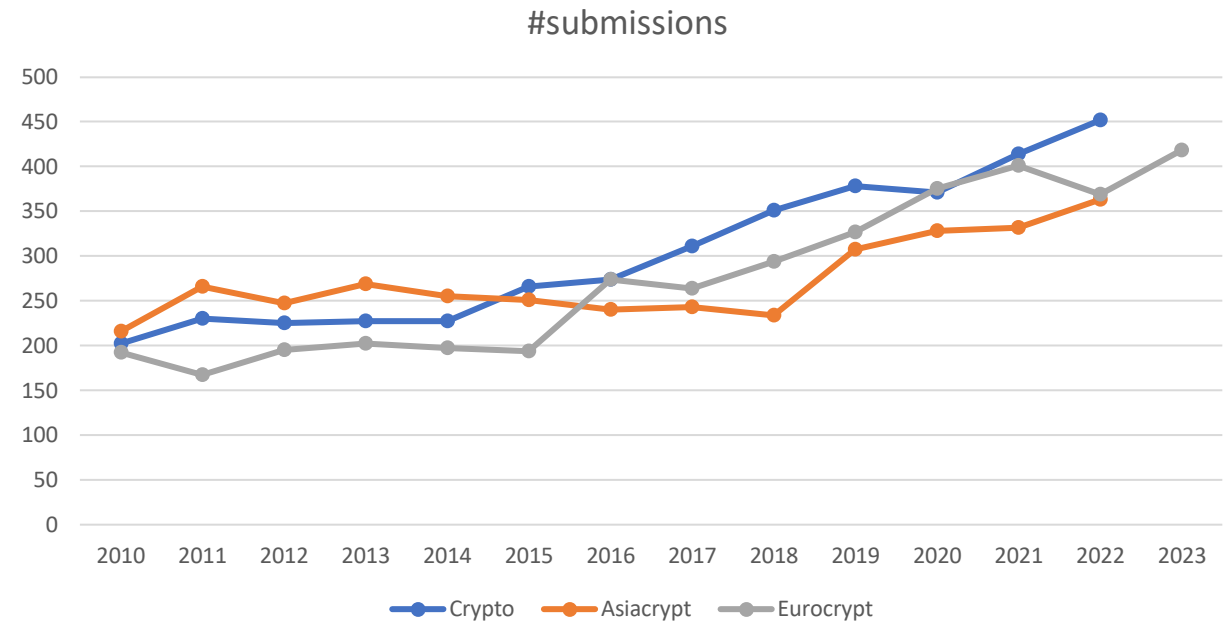
2023  
*April*

EiC

Board appoints the first two EiC

# Community is growing

Eurocrypt	#submissions
1990	85
2000	150
2010	192
2020	375
2023	418



# Community is growing

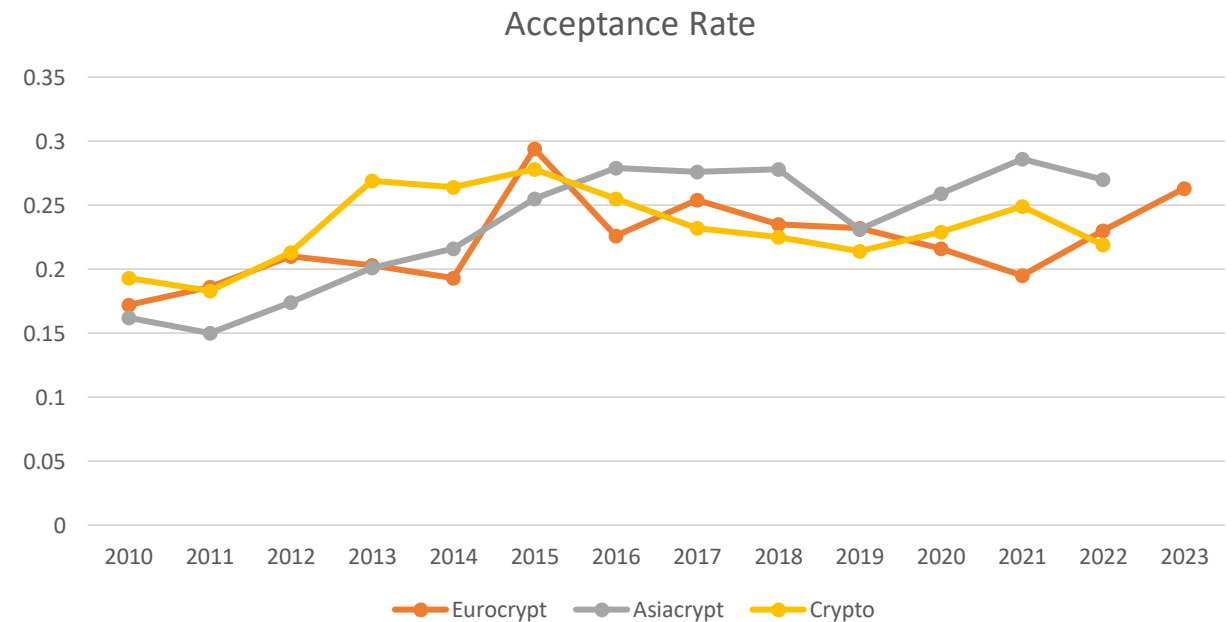
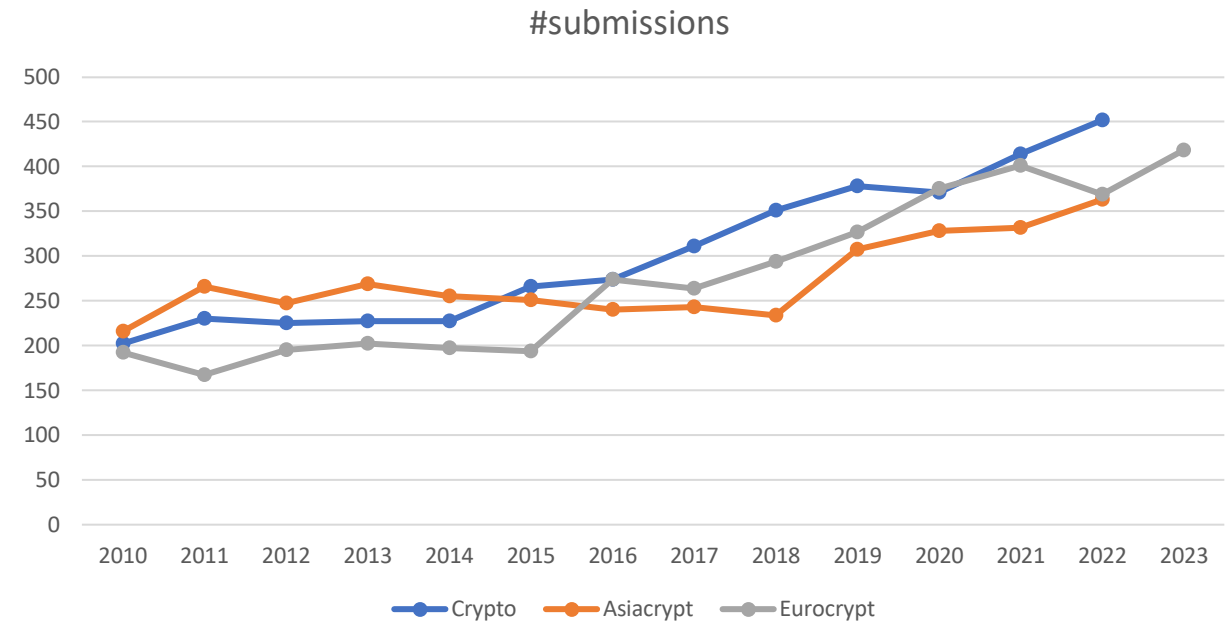
Eurocrypt	#submissions
1990	85
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## Eurocrypt 2023

Record number of accepted papers: 110.

Five (!! ) LNCS Springer volumes.

Find a way to deal with the growth in our community.



# Principles of the CiC

- **Low-cost open access**

Articles are available for everyone in Diamond or Gold open access.

[Note: diamond open access is like gold, in that the article is immediately open access in the journal, and nobody has to pay to read it. However, in gold open access, the author (or their institution or funding agency) normally has to pay a publication fee to get the article published.]

- **Fast and consistent turnaround time**

Expect a decision on a paper within 3 months, or 9 months after revision, after any of the 4 submission deadlines per year.

- **No travel**

Allow another outlet for our community to publish without the need to travel to conferences and present your work.

- **Not limited by available number of publication slots**

If a paper contains a correct and original contribution relevant to the field of cryptology which meets the journal's quality threshold, then it should be accepted, irrespective of how many other strong papers are received.

- **Inclusive**

Embrace all communities in cryptology (theoretical, applied, mathematical, engineering, applications, real-world deployments, etc) and facilitate the organic growth of research relevant for cryptology.

- **Collaborative editorial decisions**

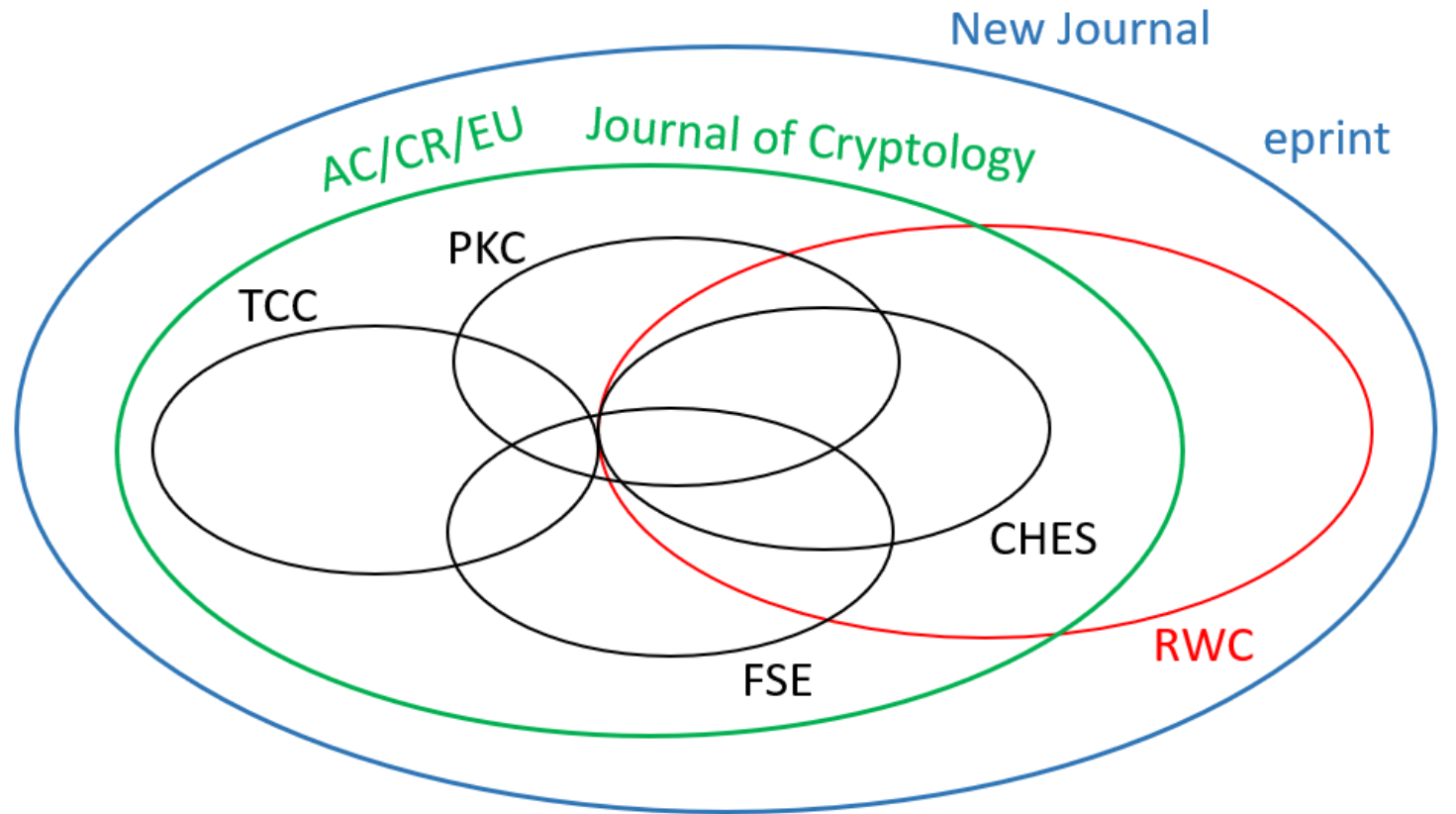
Unlike traditional journals, and more like CS conferences, editorial decisions will be made collaboratively and with discussion. Thus attempting to reduce problems of individual editorial bias, and making all editors accountable for their decisions.

- **Promote positive review culture**

Reviewers look for reasons to accept and improve a paper, not reasons to reject.

# Scope of the Journal

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# Next steps

See “Principles, Scope, Organization and FAQ for the IACR Journal” [iacr.org/cic-proposal](https://iacr.org/cic-proposal) for more information & FAQ

Align with

- ✓ IACR Steering Committees
- ✓ ICW Steering Committees

Create all policy documents for the CiC

- Col, ethics, reviewer guides, author guides, etc

Inspired by the Transactions!

When can you see the first submission deadline?

We hope to have this ready **within one year**, but this depends on many external factors.

Technical steps...

# L<sup>A</sup>T<sub>E</sub>X & Publishing

Work in  
progress



 IACR / latex Public

[github.com/IACR/latex](https://github.com/IACR/latex)

iacrtrans used as a starting point!

## LaTeX, metadata, and publishing workflows

(updated April 3, 2023)

Joppe W. Bos<sup>1</sup>  and Kevin S. McCurley<sup>2</sup> 

<sup>1</sup> NXP Semiconductors

<sup>2</sup> Self

[arxiv.org/pdf/2301.08277](https://arxiv.org/pdf/2301.08277)

- Did you know that for the Transactions someone spends one hour per final version for production and metadata handling?
  - In other areas this is 7.5 hours / paper on average [A]
- We currently extract meta-data from the pdf instead of from the LaTeX sources?
- Wouldn't it be nice to provide your information once (in the LaTeX source) and then no webform will ask for it?
- How to curate metadata throughout the life cycle of a published article

[A] Alexander Grossmann and Björn Brembs. Current market rates for scholarly publishing services. F1000Research, 2021. doi: 10.12688/f1000research.27468.2 URL: <https://f1000research.com/articles/10-20/v2>



# publish.iacr.org

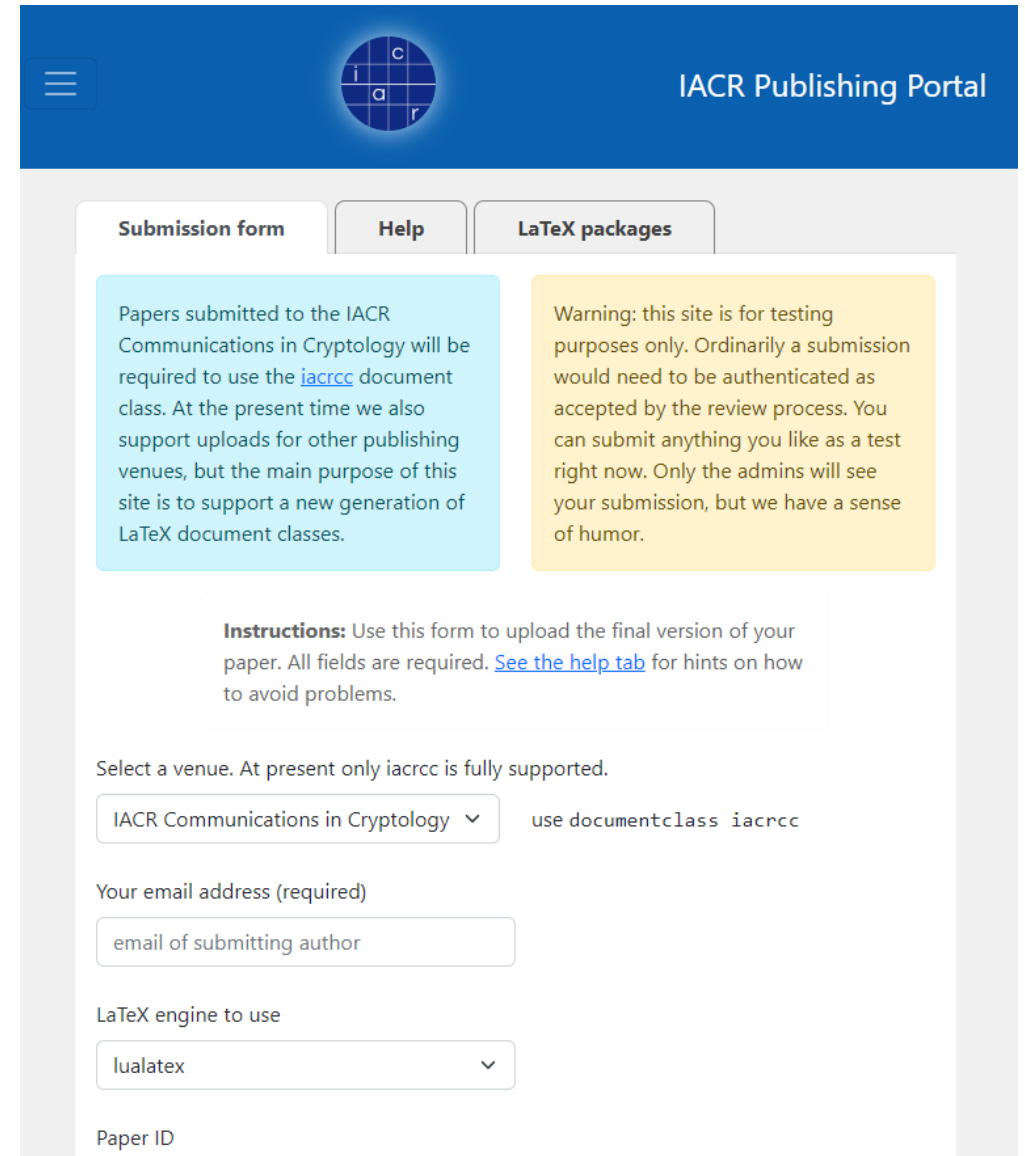
## Motivation

- Automate production steps as much as possible
- Reduce workload for Editors and Program Chairs

## What it does

- Safely validate that your LaTeX compiles correctly
- Validate that the author has supplied sufficient metadata (e.g., title, affiliations, funding information, etc)

**Work in progress**  
Feel free to try out!



The screenshot shows the IACR Publishing Portal submission form. The header is blue with the IACR logo and the text "IACR Publishing Portal". Below the header are three tabs: "Submission form", "Help", and "LaTeX packages". The "Submission form" tab is active. The form contains several sections: a light blue box with text about document classes, a yellow box with a warning about testing purposes, an "Instructions" section, a venue selection dropdown (currently "IACR Communications in Cryptology"), an email address field (placeholder "email of submitting author"), a LaTeX engine dropdown (currently "lualatex"), and a "Paper ID" field.

**Submission form** | Help | LaTeX packages

Papers submitted to the IACR Communications in Cryptology will be required to use the [iacrcc](#) document class. At the present time we also support uploads for other publishing venues, but the main purpose of this site is to support a new generation of LaTeX document classes.

Warning: this site is for testing purposes only. Ordinarily a submission would need to be authenticated as accepted by the review process. You can submit anything you like as a test right now. Only the admins will see your submission, but we have a sense of humor.

**Instructions:** Use this form to upload the final version of your paper. All fields are required. [See the help tab](#) for hints on how to avoid problems.

Select a venue. At present only iacrcc is fully supported.

IACR Communications in Cryptology use documentclass iacrcc

Your email address (required)

email of submitting author

LaTeX engine to use

lualatex

Paper ID

# Conclusions

- Do you have feedback on the new IACR Communications in Cryptology?

Contact Andreas or Joppe!

- Do you have feedback on the LaTeX style file or the publishing portal?

Contact Kevin or Joppe!

- Want to help in any other way?

Contact any of us!