

CHES 2018

Words from Program Chairs

Daniel Page and Matthieu Rivain

IACR guidelines say we should do two things, namely

1. present "entertaining" statistics, and
2. present the (T)CHES 2018 best paper award.

Special year for CHES

- 20th edition! 🎂
- Record breaking edition:
 - highest attendance (~600)
 - most submissions (181)
 - most accepted submissions (47)
- 1st edition under new, hybrid publication model

(T)CHES publication model

- Move taken by the CHES Steering Committee, following FSE (ToSC)
- IACR Transactions on CHES (TCHES)
 - Gold open-access journal: <https://tches.iacr.org>
 - Academic publisher: Ruhr-Universität Bochum
 - Managing editor: Tim Güneysu

TCHES timeline

	Submission deadline	Reviews received	Decision	Final version
	T0	T0+1m	T0+2m	T0+3m
Issue1	15 Jul (year n-1)	15 Aug	15 Sep	14 Oct
Issue2	15 Oct (year n-1)	15 Nov	15 Dec	14 Jan
Issue3	15 Jan (year n)	15 Feb	15 Mar	14 Apr
Issue4	15 Apr (year n)	15 Mai	15 Jun	14 Jul

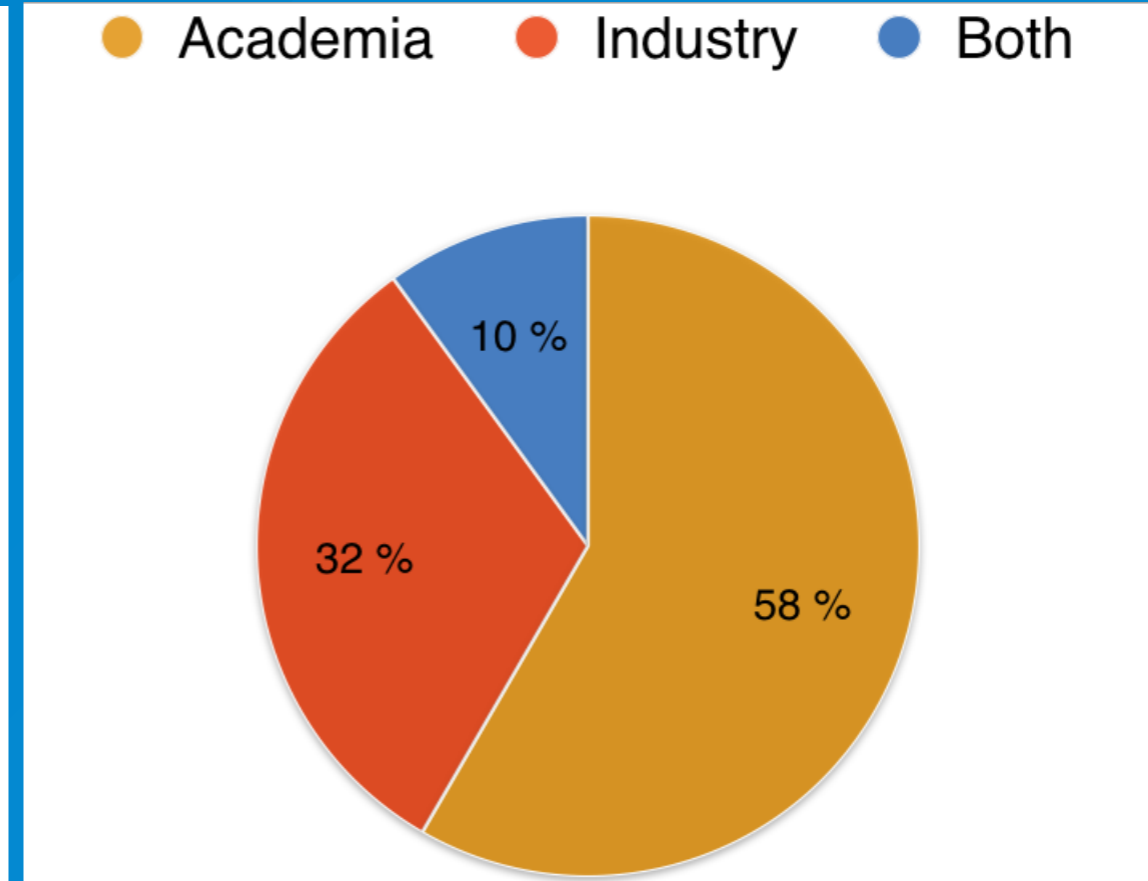
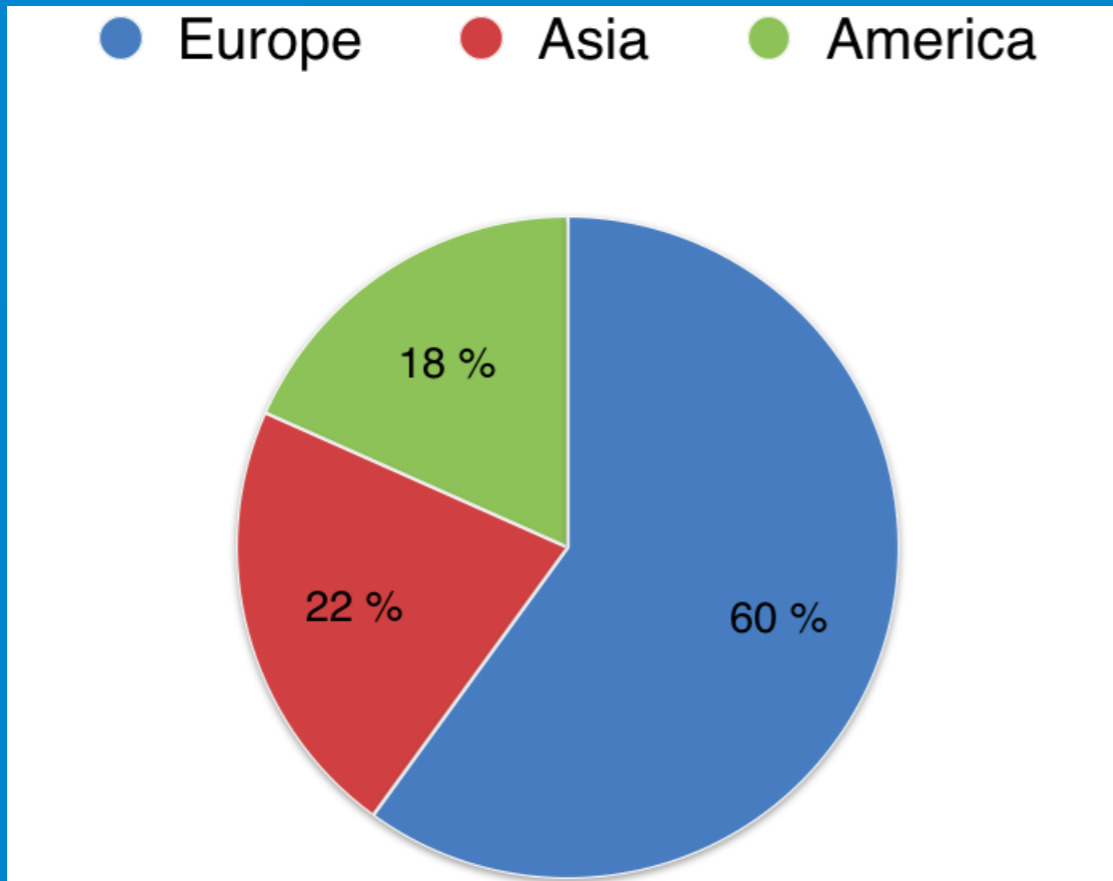
CHES: Aug/Sep (year n)

TCHES review process

- Managed by (yearly) TCHES Editorial Board
(= CHES Program Committee)
- Led by 2 (yearly) Co-Editors-in-Chiefs
(= CHES Program Chairs)
- Discussion phase include a **rebuttal**
- Richer set of decisions:
 1. Accept
 2. Minor revision (= conditional accept)
 3. Major revision (\Rightarrow invited re-submission)
 4. Reject

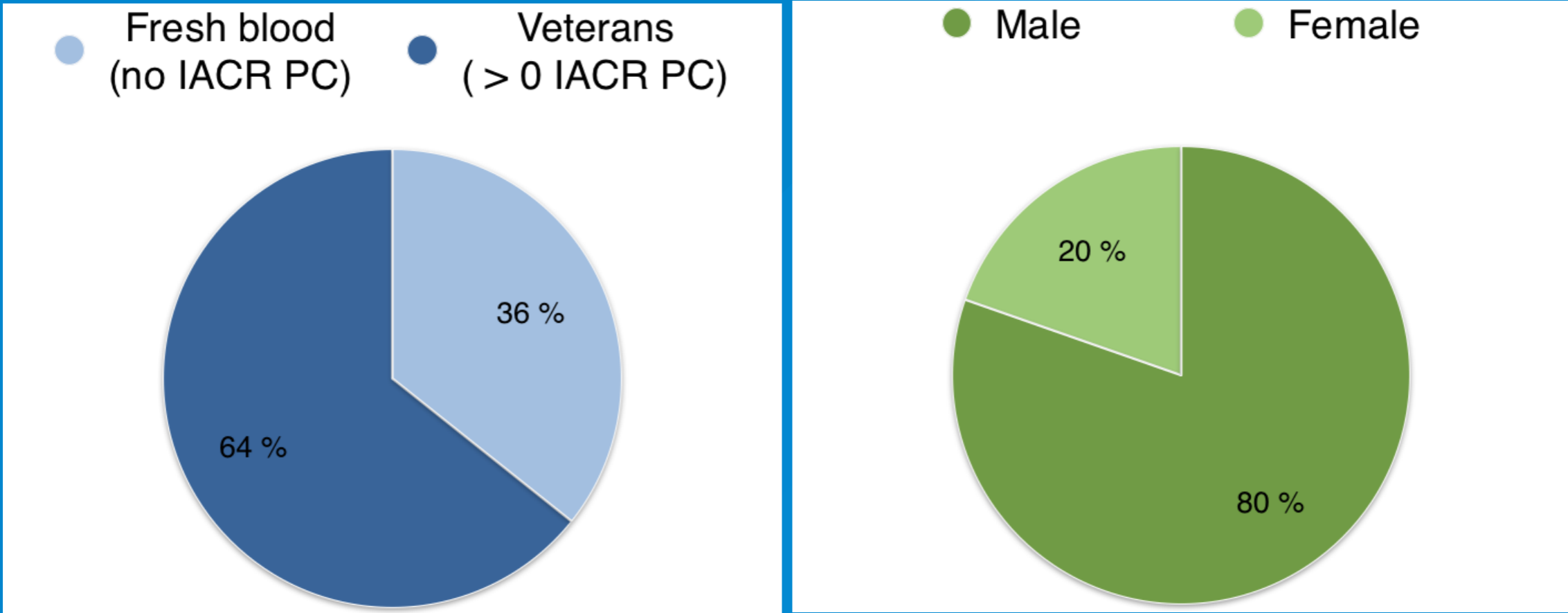
TCHES 2018 Editorial Board

53 members (+2 chairs)



TCHES 2018 Editorial Board

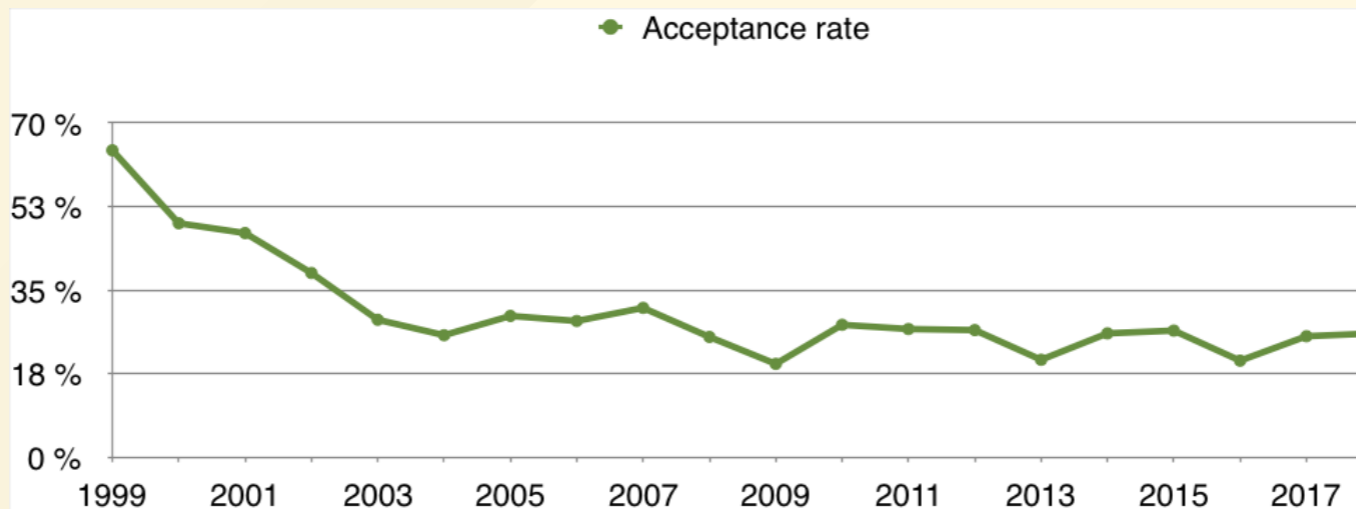
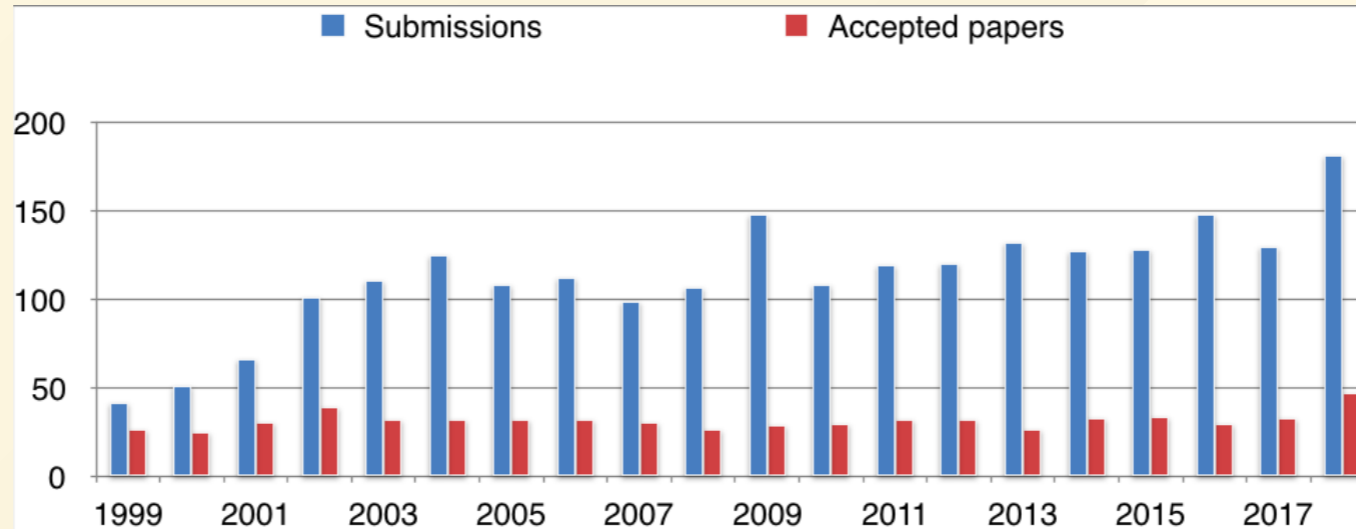
Attempt to balance experience and gender



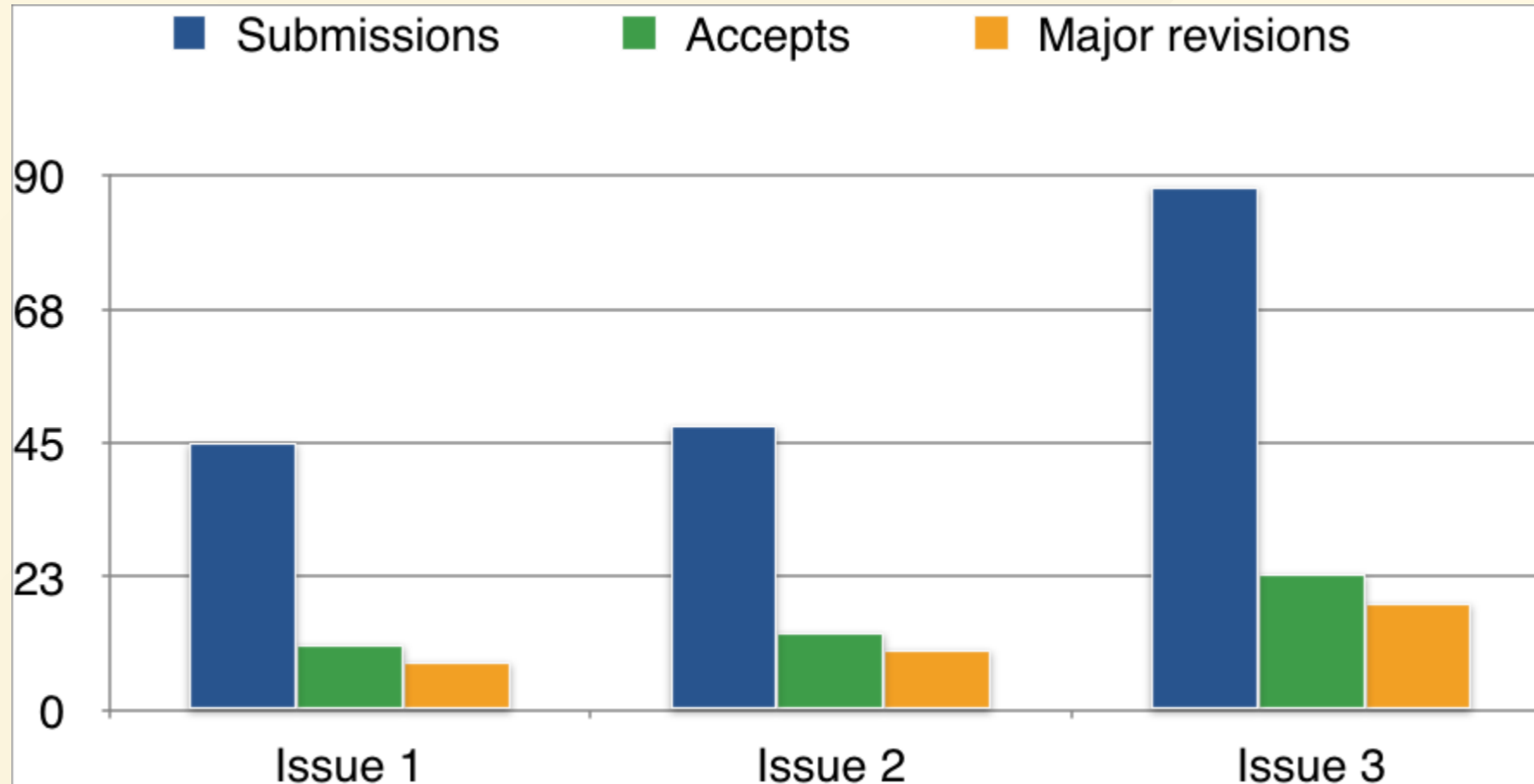
(T)CHES program overview

- 1 challenge
- 2 tutorial sessions
- 2 invited presentations (1 academia, and 1 industry)
- 3 poster sessions (21 posters)
- 1 rump session
- 15 technical sessions (47 presentations)
- 25 hours of fun

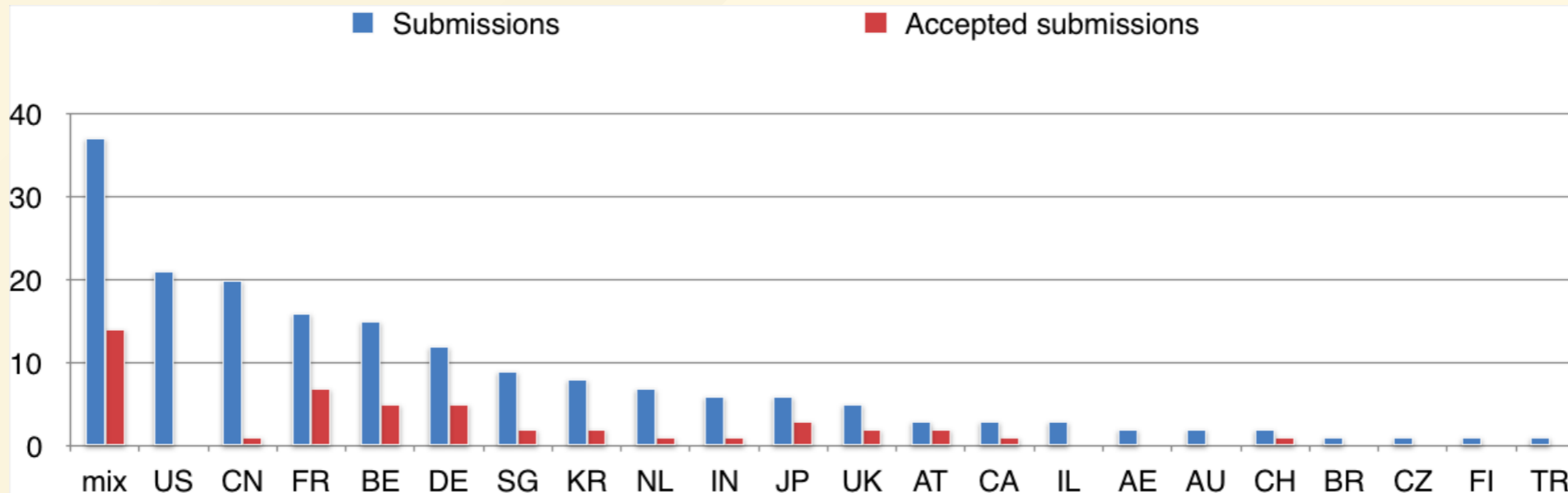
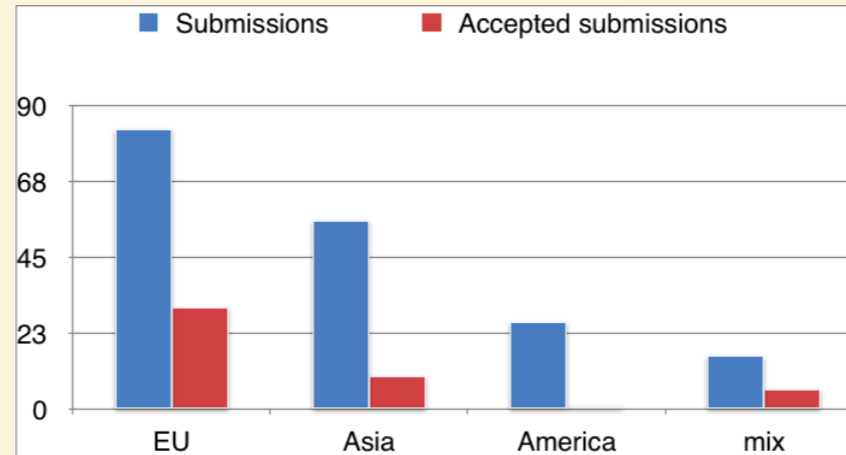
Historical CHES statistics



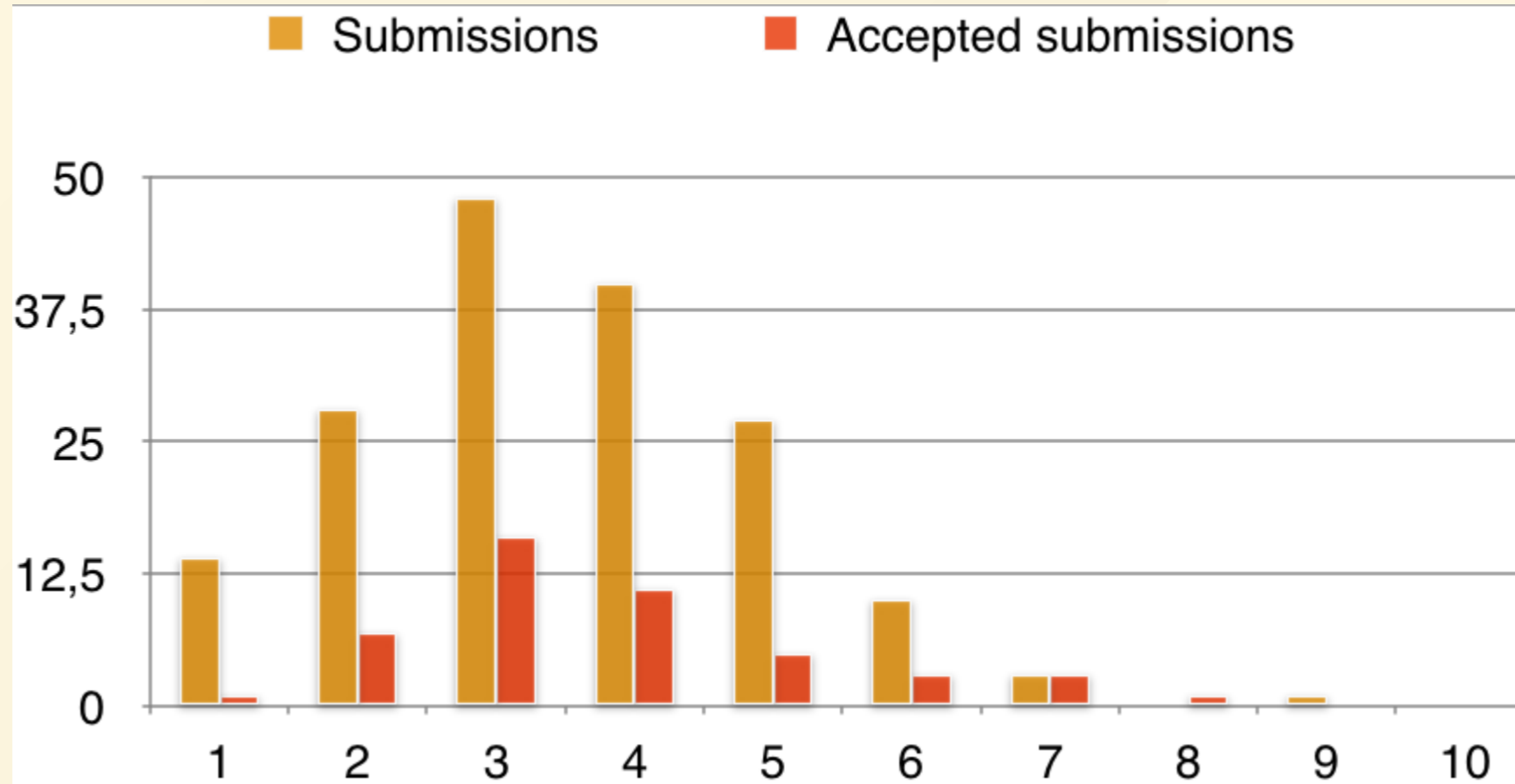
TCHES 2018: issue-wise statistics



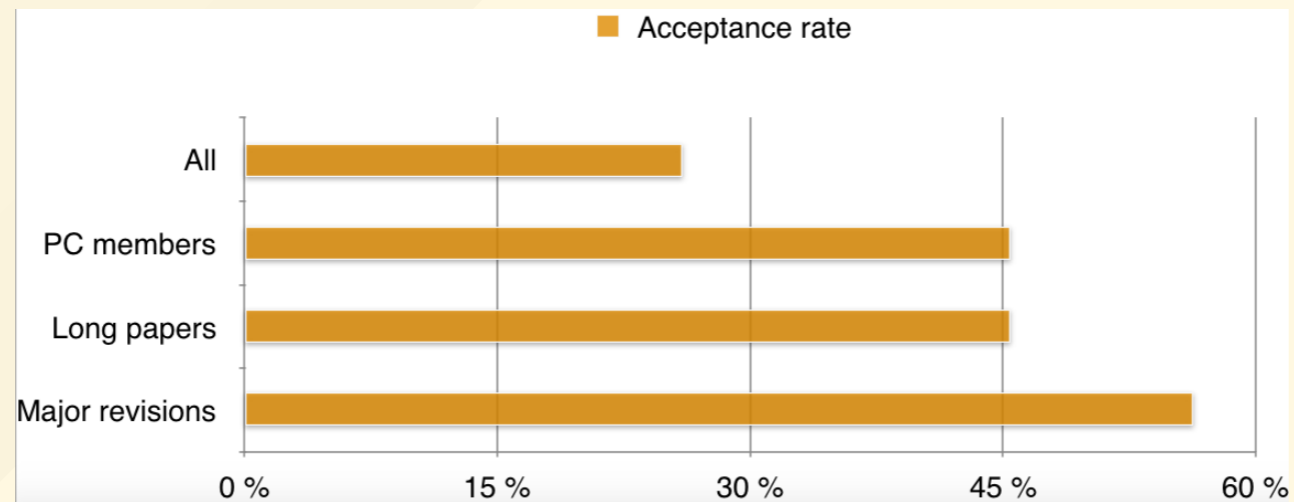
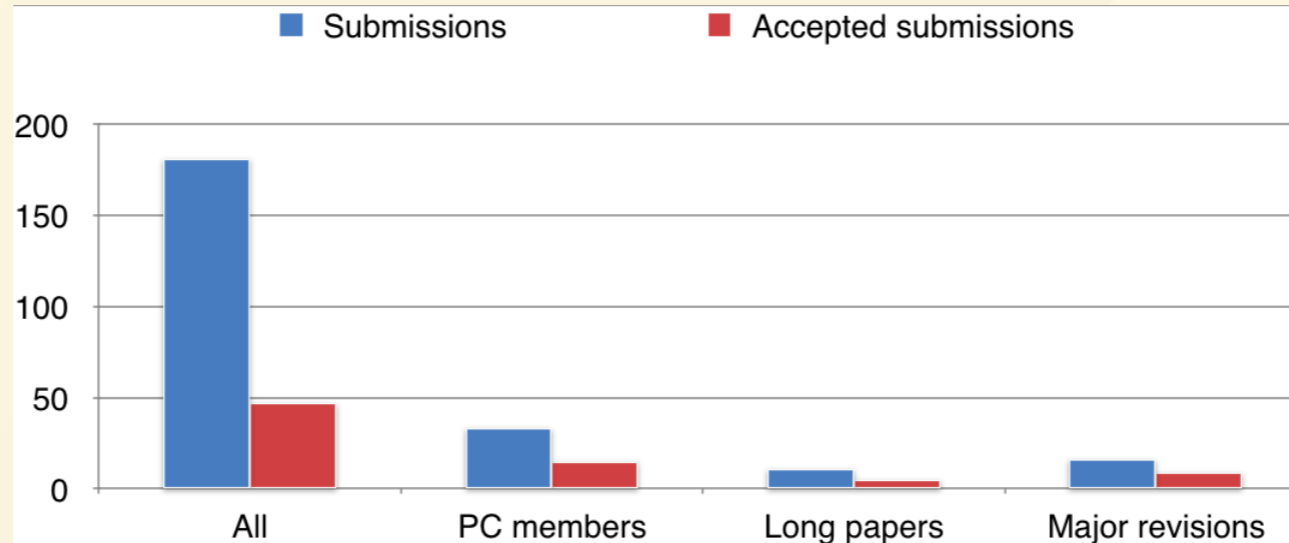
TCHES 2018: region-wise statistics



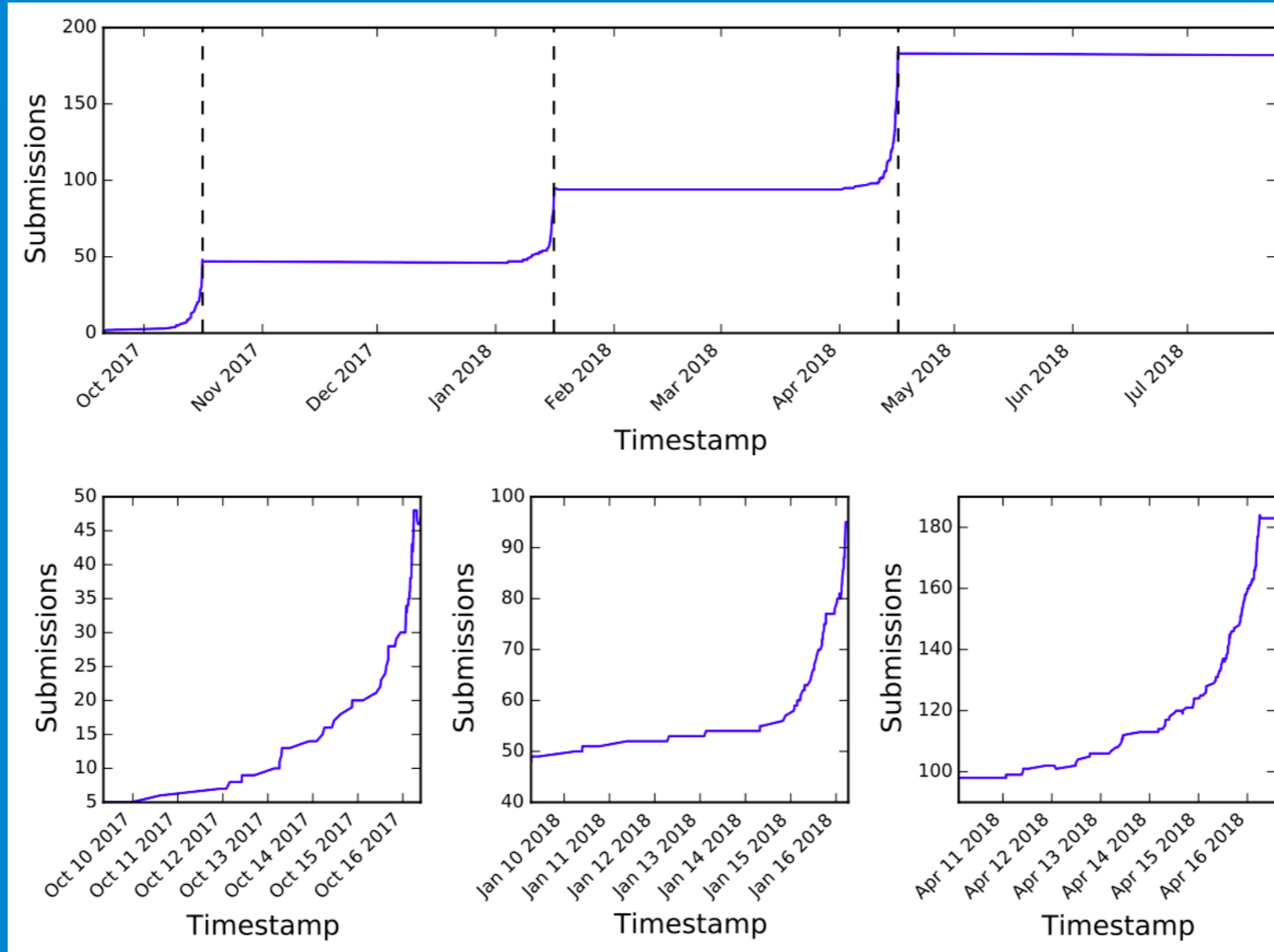
TCHES 2018: authors per submission



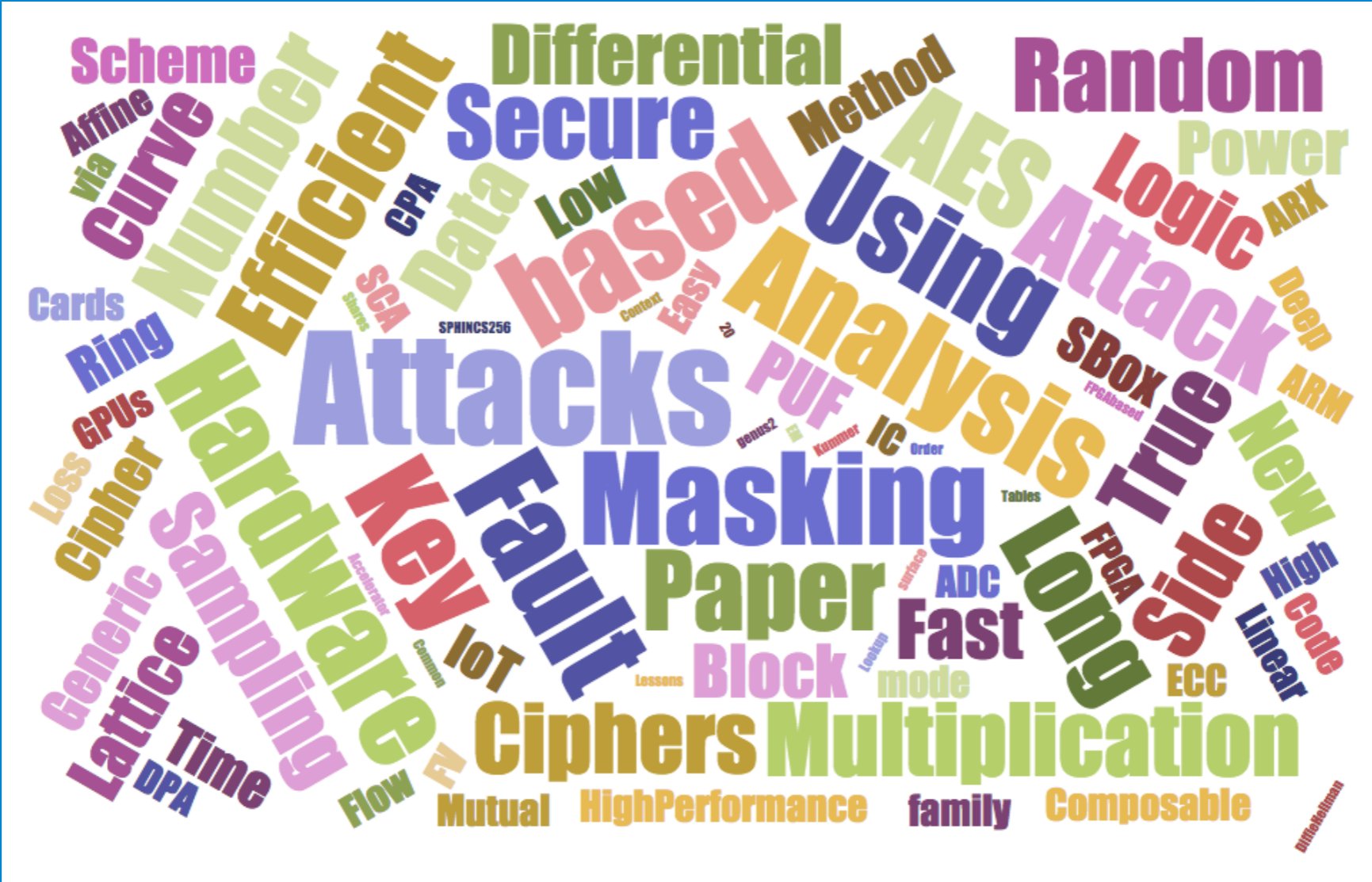
TCHES 2018: other stats and bias



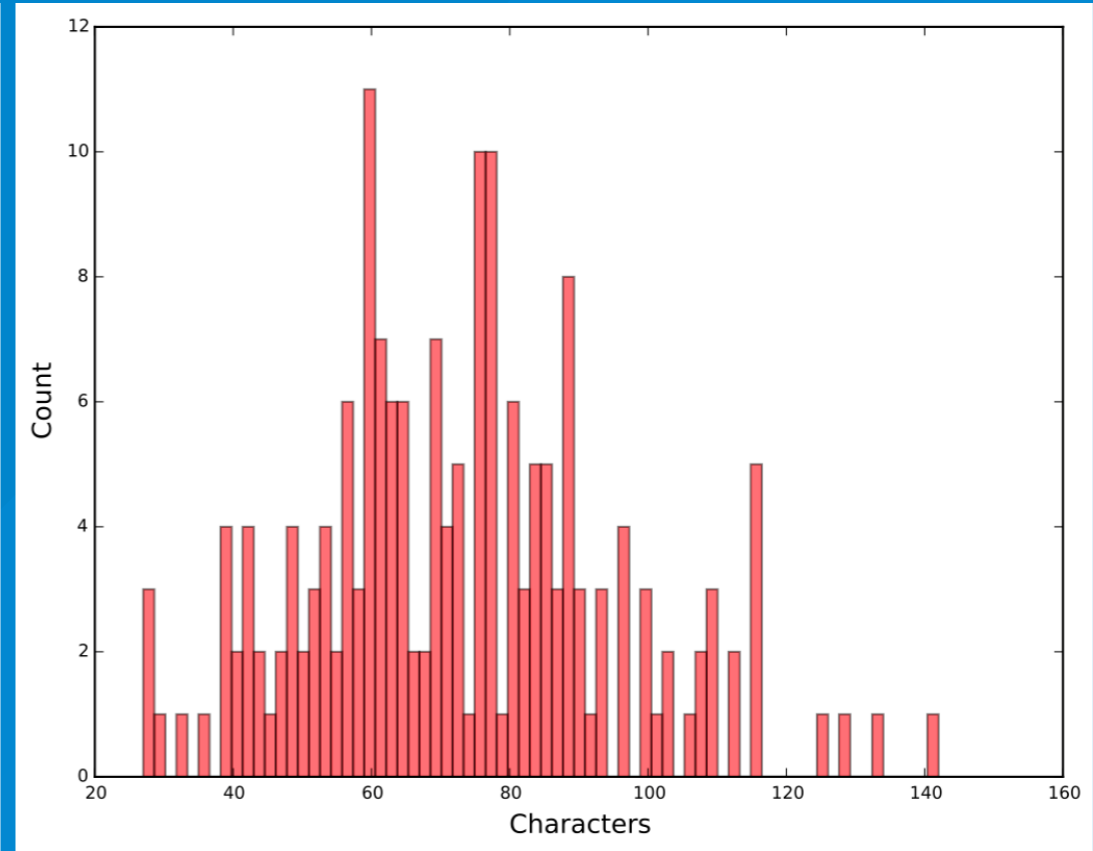
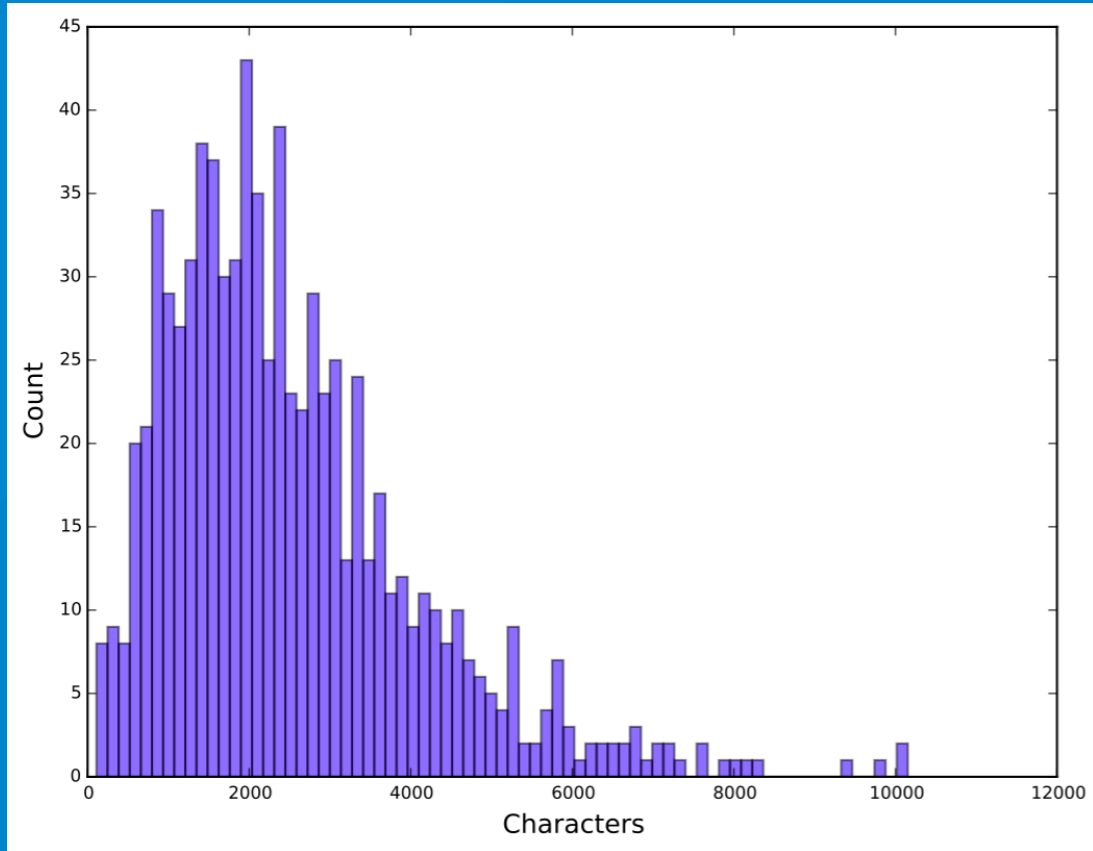
TCHES 2018: submissions over time



TCHES 2018: submission titles



TCHES 2018: characters per review, and per title



Thanks 🙌 🙌 🙌

- Authors of all the 181 submissions
- TCHES Editorial Board, external reviewers
- TCHES Managing Editor: Tim Güneysu
- CHES General chairs: Ileana Buhan, Peter Schwabe
- Session chairs
- Poster session chair: Sonia Belaïd
- Rump session chairs: Daniel Genkin, Yuval Yarom
- Challenge organisers: Ileana Buhan, Karim Tobich, Emmanuel Prouff
- ...