

IEEE TRANSACTIONS ON
**INFORMATION
THEORY**

EiC Report

Frank Kschischang

IT Society Board of Governors Meeting
La Jolla, CA
February 1, 2015

Thank You

I am grateful for the support of:

- Executive Editorial Board members: **Hans-Andrea Loeliger**, **David N. C. Tse**, **Alexander Vardy**, and **Gregory W. Wornell**.
- **Lisa Jess**, Peer Review Support Specialist, IEEE Publishing Operations
- **Megan Vorel Hernandez**, Senior Editor, IEEE Periodicals
- **Christian Senger**, Information Director (Webmaster), www.comm.utoronto.ca/trans-it
- **Gerhard Kramer**, Purveyor of Cakes

AE Retirements Since July 2014

François Baccelli	Communication Networks	Aug. 2011 – Aug. 2014
Jean-Claude Belfiore	Coding Theory	Sep. 2011 – Aug. 2014
Ronald Cramer	Complexity & Cryptography	Aug. 2011 – Aug. 2014
Robert F. H. Fischer	Communications	Aug. 2011 – Aug. 2014
Tor Helleseth²	Sequences	Dec. 2011 – Dec. 2014
Alexander Holevo	Quantum Info. Theory	Aug. 2011 – Aug. 2014
Navin Kashyap	Coding Theory	Oct. 2009 – Dec. 2014!
Young-Han Kim	Shannon Theory	Dec. 2011 – Dec. 2014
János Körner²	Shannon Theory	Dec. 2011 – Dec. 2014
Angel Lozano	Communications	Aug. 2011 – Aug. 2014
Ueli M. Maurer²	Complexity & Cryptography	Aug. 2011 – Aug. 2014
Olgica Milenkovic	Coding Theory	Aug. 2011 – Aug. 2014
Adam Smith	Complexity & Cryptography	Aug. 2011 – Aug. 2014

Notes: 2 = second term of service; ! = extended term.

- A listing of all Editors, past and present, is available at <http://www.comm.utoronto.ca/trans-it>.

Publications Editor Retirement

- **Giuseppe Durisi**, Publications Editor, retired as of Aug. 2014.
- The PE role is now terminated, as the only task in the post-Pareja era is paper-scheduling, which requires approximately 10 minutes/month using IEEE's POPP (Publishing Operations Production Portal) tool. This task is now performed by the EiC.

Editorial Board — Status as of February 2015

IEEE TRANSACTIONS ON INFORMATION THEORY

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Complexity and Cryptography

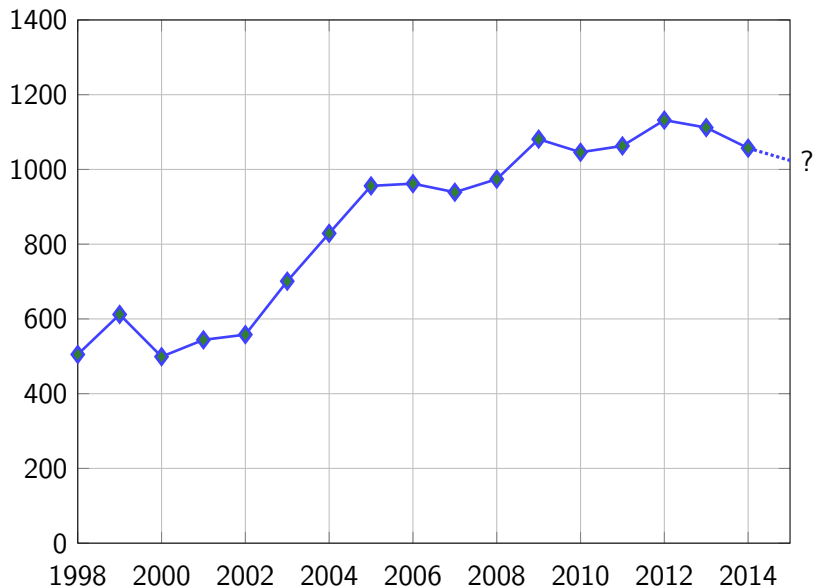
CHAOPING XING 
Coding Theory

KYEONGCHEOL YANG
Sequences

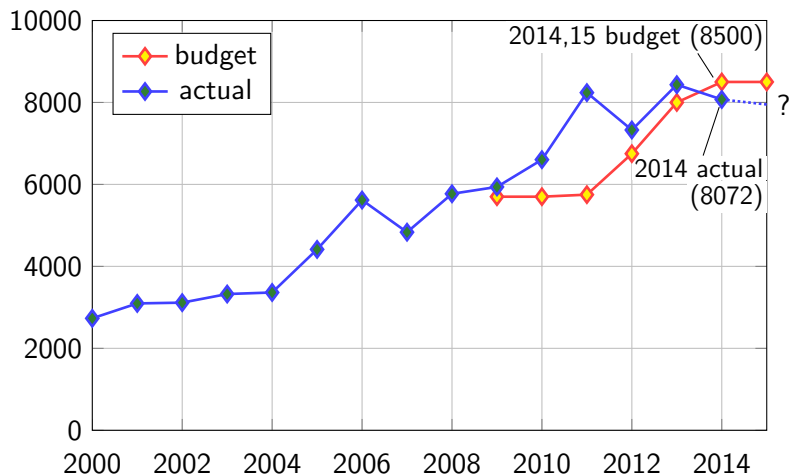
41 Associate Editors

- Some further expansion of the Editorial Board (to about 50) is planned. Particular needs exist in: compressive sensing, complexity and cryptography, quantum information theory, statistics. Suggestions are welcome: frank@ece.utoronto.ca.

Number of Papers Submitted



Page Count



2014 page count: 8023 (last numbered page) + 1 verso + 48 cover pp. = **8072**; budget - actual = 428pp \approx \$34K (at \$80/p)

Decisions: Jan. 1, 2014–Dec. 31, 2014

949 Final Decisions

Accept:	455	47.9%
Reject:	494	52.1%

Revision Required

624

Total Decisions: 1573

By (approx.) Editorial Area

Area	Acc	Rej	Acc	Rej
Shannon Theory	120	78	61%	39%
Source & Channel Coding	140	123	53%	47%
Communications/Networks	83	91	48%	52%
Cryptography	7	53	12%	88%
Sequences	27	37	42%	58%
Other	77	84	48%	52%
EiC	1	28	3%	97%

Fast Rejections (Sub to Rej \leq 30 days): $126/1057 = 12\%$

Time to First Decision: 2014

Among 1003 first-decisions made in 2014:

Range	Number	Fraction
[0, 30]	132	13.2%
(30, 120]	197	19.6%
(120, 240]	352	35.1%
(240, 360]	183	18.2%
(360, 480]	73	7.28%
(480, 600]	32	3.19%
(600, 720]	19	1.89%
(720, ∞)	15	1.50%

- Excluding the [0, 30] bin, the median time to first decision is 195 days. (Overall median is 170 days.) First decision is reached within one year in 87% of cases.

- The outliers are a concern; Lisa Jess and I are monitoring this, and sending reminders when appropriate.
- Some aggressive action (re-assignment of papers) was taken in July 2014 in one case.