

**IEEE Transactions on
Information Theory
Report of the Editor-in-Chief**

Frank Kschischang

**IT Society Board of Governors Meeting
Honolulu, HI
June 29, 2014**

Thank You

I am deeply grateful to have inherited from my predecessor an outstanding Executive Editorial Board:

- G. David Forney, Jr.
- Prakash Narayan
- H. Vincent Poor
- Shlomo Shamai (Shitz)

The EEB has provided me with excellent advice and support. When I started in mid-December, 2013, the members of the EEB agreed to stay on until June 30th, 2014 (tomorrow!).

New Executive Editorial Board, July 1st, 2014

I am pleased to announce that the following have agreed to form a new Executive Editorial Board, as of July 1st, 2014:

- Hans-Andrea Loeliger
- David N. C. Tse
- Alexander Vardy
- Gregory W. Wornell

AEs Retired Since July 2013

Erdal Arıkan	Coding Theory	Nov. 2010 – Sep. 2013
Alexei Ashikhmin	Coding Techniques	Mar. 2011 – Feb. 2014
David Burshtein	Coding Techniques	Mar. 2011 – Feb. 2014
Nicolò Cesa-Bianchi	Pattern Recognition, Statistical Learning and Inference	Mar. 2011 – Feb. 2014
Michael Elad	Signal Processing	Sep. 2011 – Oct. 2013
Dongning Guo	Shannon Theory	Nov. 2010 – Sep. 2013
Venkatesan Guruswami	Complexity & Cryptography	Jan. 2011 – Dec. 2013
Ioannis Kontoyiannis	At Large	Dec. 2010 – Sep. 2013
George V. Moustakides	Detection & Estimation	Mar. 2011 – Feb. 2014
Yasutada Oohama	Source Coding	Mar. 2011 – Feb. 2014
Daniel P. Palomar	Detection & Estimation	Nov. 2010 – Sep. 2013
Yossef Steinberg	At Large	Oct. 2010 – Aug. 2013
Antonia M. Tulino	Communications	Nov. 2010 – Sep. 2013
Tomohiko Uyematsu	Shannon Theory	Oct. 2010 – Jul. 2013
Tsachy Weissman	Shannon Theory	Oct. 2010 – Aug. 2013
Wei Yu	Shannon Theory	Oct. 2010 – Jul. 2013

Editorial Board — Status June 2014

IEEE TRANSACTIONS ON INFORMATION THEORY

FRANK R. KSCHISCHANG, *Editor-in-Chief*

Executive Editorial Board

G. DAVID FORNEY, JR.

PRAKASH NARAYAN

H. VINCENT POOR

SHLOMO SHAMAI (SHITZ)

SALMAN AVESTIMEHR
Communications

FRANÇOIS BACCELLI
Communication Networks

JEAN-CLAUDE BELFIORE
Coding Theory

VIVEK BORKAR
Communication Networks

STEPHAN TEN BRINK
Communications

JUN CHEN
Shannon Theory

SAE-YOUNG CHUNG
Shannon Theory

RONALD CRAMER
Complexity and Cryptography

ROBERT F. H. FISCHER
Communications

MARKUS GRASSL
Quantum Information Theory

ALBERT GUILLEN I FABREGAS
Communications

TOR HELLESETH
Sequences

ALEXANDER HOLEVO
Quantum Information Theory

NAVIN KASHYAP
Coding Theory

YOUNG-HAN KIM
Shannon Theory

SIDHARTH JAGGI
Coding Techniques

C. EMRE KOKSAL
Communication Networks

JÁNOS KÖRNER
Shannon Theory

GIUSEPPE DURISI, *Publications Editor*

JYRKI LAHTONEN
Coding Theory

MICHAEL LANGBERG
Coding Theory

YINGBIN LIANG
Shannon Theory

TIE LIU
Shannon Theory

ANGEL LOZANO
Communications

YI MA
Signal Processing

YONGYI MAO
Coding Techniques

GERALD MATZ
Detection and Estimation

UELI MAURER
Complexity and Cryptography

OLGICA MILENKOVIC
Coding Theory

CHANDRA NAIR
Shannon Theory

IGOR NIKIFOROV
Detection and Estimation

HAIM PERMUTER
Shannon Theory

HENRY D. PFISTER
Coding Theory

S. SANDEEP PRADHAN
Shannon Theory

B. SUNDAR RAJAN
Coding Theory

VENKATESH SALIGRAMA
Signal Processing

IGAL SASON
Associate Editor at Large

DEVAVRAT SHAH
Communication Networks

OSVALDO SIMEONE
Communications

ADAM SMITH
Complexity and Cryptography

RAJESH SUNDARESAN
Communications

ERTEM TUNCEL
Source Coding

AARON B. WAGNER
Shannon Theory

CHIH-CHUN WANG
Coding Techniques

KYEONGCHEOL YANG
Sequences

44 Associate Editors

- Some further expansion of the Editorial Board (to about 50) is planned. Thank you for your prompt voting!

List of all Past Editors

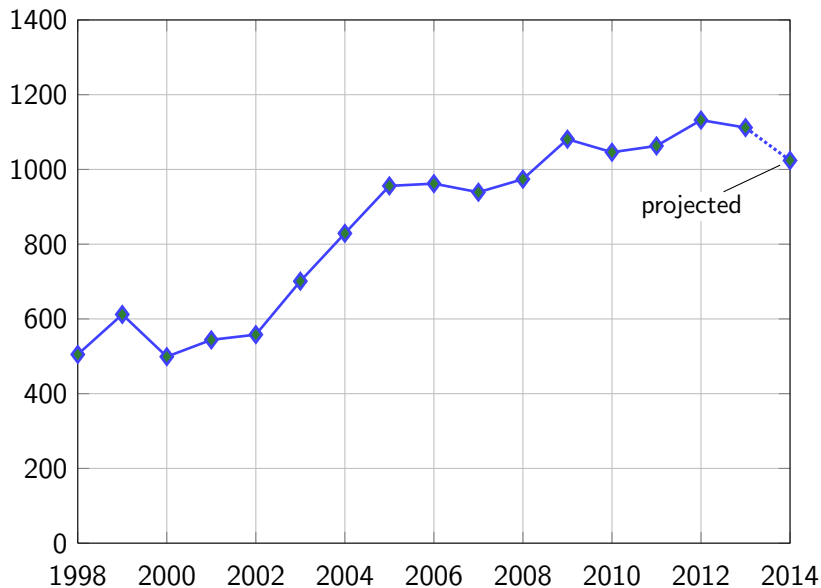
A listing of all past editors has been posted at <http://www.comm.utoronto.ca/trans-it:>

- EiCs
- AEs
- guest AEs
- PEs

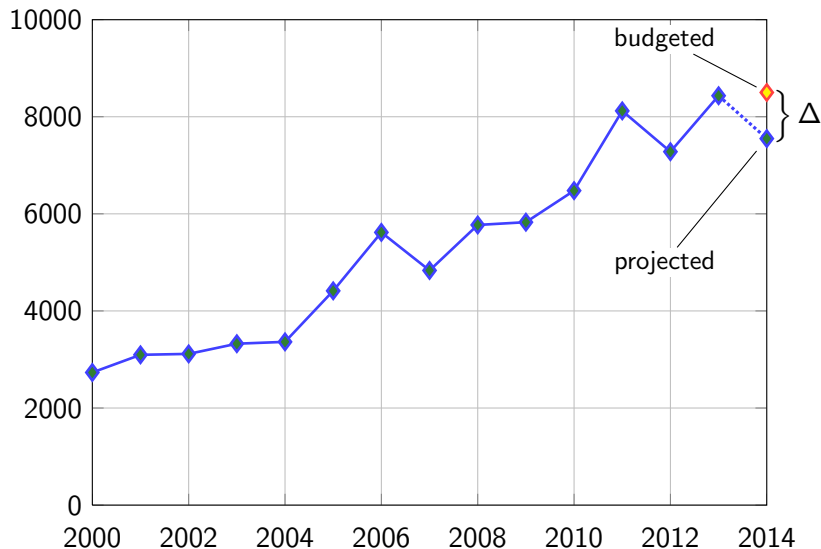
This information is based on Transactions inside covers. Please check and let me know of any corrections.

Many thanks to Helmut Bölcskei and Jutta Spanzel for compiling these listings.

Number of Papers Submitted



Page Count



$\Delta = 950\text{pp} \approx \76K (at $\$80/\text{p}$)

Decisions: July 1, 2013–June 28, 2014

All Decisions

Accepted	420	44.3%
Rejected	528	55.7%

By (approx.) Editorial Area

Area	Acc	Rej	Acc	Rej
Shannon Theory	99	59	63%	37%
Source & Channel Coding	127	120	51%	49%
Communications/Networks	81	69	54%	46%
Cryptography	5	68	7%	93%
Sequences	21	46	31%	69%
Other	87	107	45%	55%
EiC	0	59	0%	100%

Fast decisions (Sub to Dec \leq 30 days): $175/948 = 18.5\%$

Time to First Decision: July 1, 2013–June 28, 2014

Among 1004 first-decisions made since July 1, 2013:

Range	Number	Fraction
[0, 30]	177	17.6%
(30, 120]	218	21.7%
(120, 240]	318	31.7%
(240, 360]	162	16.1%
(360, 480]	62	6.2%
(480, 600]	29	2.9%
(600, 720]	14	1.4%
(720, ∞)	24	2.4%

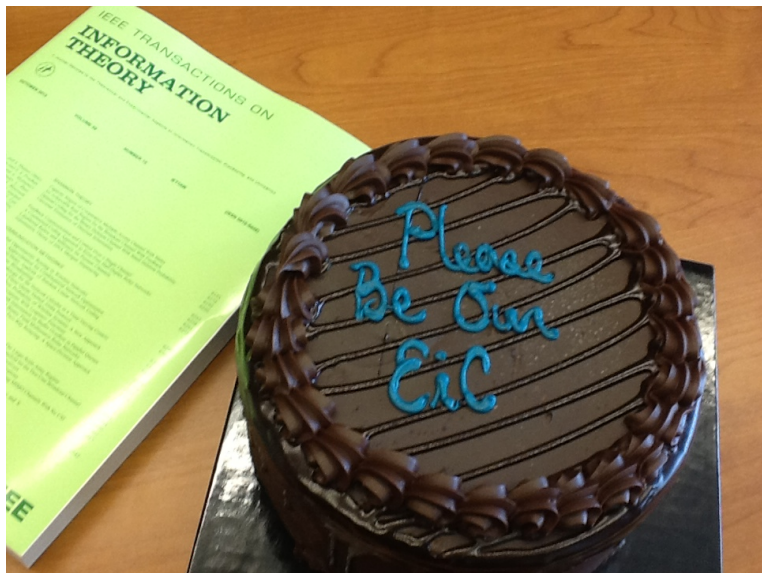
- Excluding the [0, 30] bin, the median time to first decision is 190 days.
- I will gather further processing-time statistics (total time spent in editorial handling, not counting time spent by authors in revision) and post them on the Transactions web site, <http://www.comm.utoronto.ca/trans-it>.

- The outliers are a concern; Lisa Jess and I are monitoring this, and sending reminders when appropriate.
- More aggressive action (e.g., re-assignment of papers) will soon commence in some cases.

Invited Papers

- I plan to invite survey/tutorial papers.
- These papers will be written in an accessible yet rigorous style, with the aim of being a possible “first entry” for research in the area.
- Two invitations have already been made; I invite your suggestions for suitable topics and/or authors.

One More Thank You



Thank you, Gerhard, for the cake!