

IEEE TRANSACTIONS ON
**COGNITIVE COMMUNICATIONS
AND NETWORKING**

A PUBLICATION OF
THE IEEE COMMUNICATIONS SOCIETY
THE IEEE SIGNAL PROCESSING SOCIETY
THE IEEE COMPUTER SOCIETY



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TCCN status report

Michele Zorzi, EiC

Cognitive Networking Technical Committee
meeting at GLOBECOM – Dec. 6, 2017

Status of TCCN

- Eleven issues published so far, on time – now working on Dec 2017 (all papers in, being closed)
- www.comsoc.org/tccn
- Editorial board:
 - <http://www.comsoc.org/tccn/editorial-board>
 - 11 active technical editors

Status of submissions

Status as of Nov. 03 2017 (from Jan. 21, 2015):

	submitted papers	under review	awaiting revision	accepted	rejected	withdrawn	Eic reject	unsubmitted
2015	126	0	0	51	61	13	1	
2016	127	1	0	46	61	6	13	
2017	153	37	22	30	43	7	14	
TOT	406	38	22	127	165	26	28	

Average time (days) from submission to first decision for all (original) papers

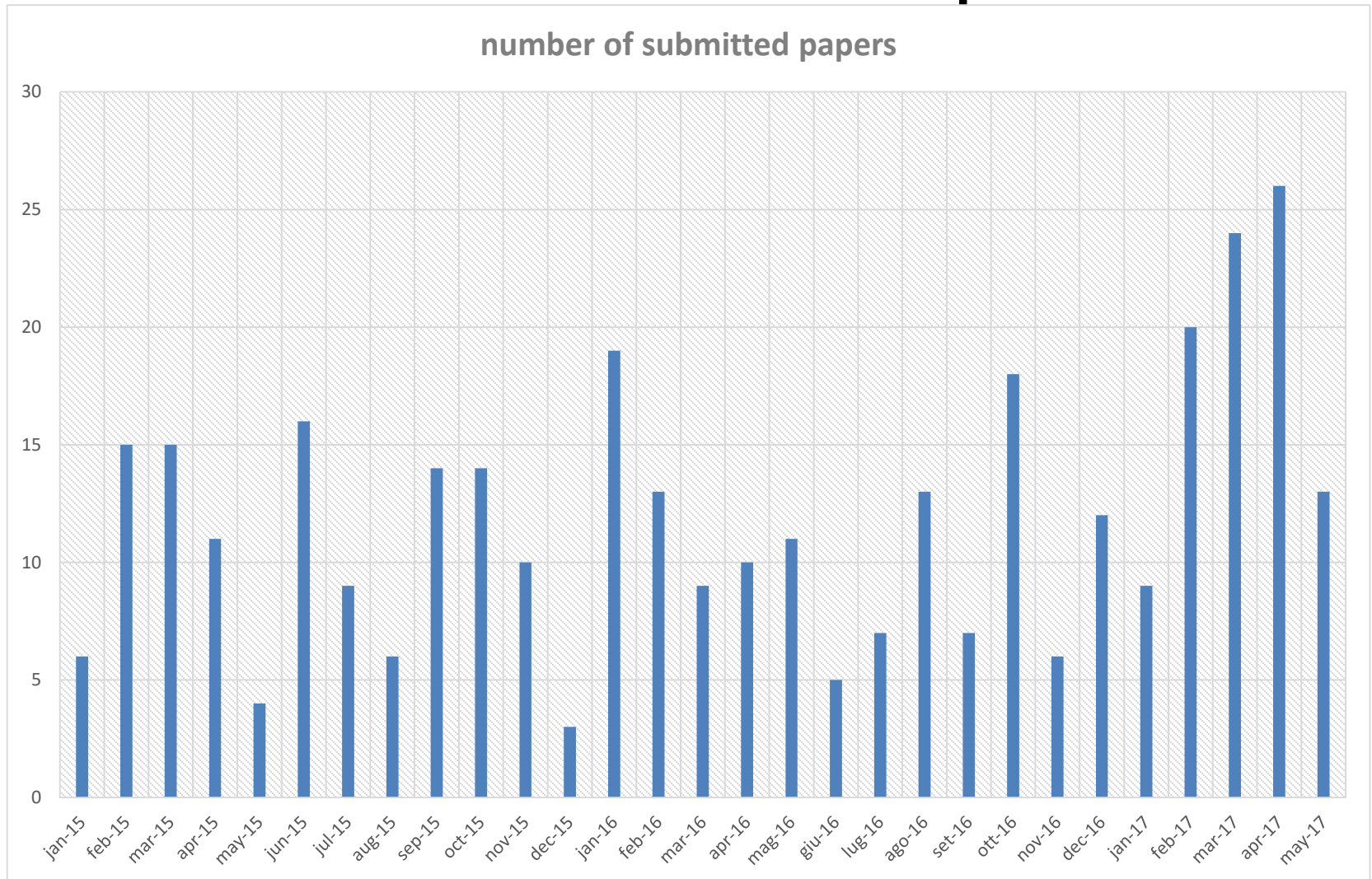
80

Average time (days) from submission to final decision for accepted papers

207 (<30 weeks, 6.9 months)

Acceptance rate ~ 40%

Number of submissions per month



Last months: 15 (May), 10 (Jun), 12 (Jul), 12 (Aug), 15 (Sep), 10 (Oct)

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- Volume 1 (2015)
 - $9+8+8+8 = 33$ articles
 - $145+110+102+105 = 462$ pages
- Volume 2 (2016)
 - $8+8+8+8 = 32$ articles
 - $109+113+107+112 = 441$ pages
- Volume 3, no. 1 (Mar 2017)
 - 9 articles, 122 pages
- Volume 3, no. 2 (Jun 2017)
 - 11 articles, 144 pages
- Volume 3, no. 3 (Sep 2017)
 - 11(OC)+9(SI) articles, 294 pages
 - Includes DySPAN special section
- Volume 3, no. 4 (Dec 2017)
 - 12(OC)+5(SI) articles, ?? pages, in preparation
 - Includes ICC/CRN special section

More detailed status report

- Impact Factor and ISI listing – started discussion
 - ESCI evaluation scheduled for 1Q 2018
- Industry participation in EB and papers is low
 - Add a couple of industry editors (not easy...)
 - Try with targeted paper solicitations
- Issue planning is solved (on time for more than a year)
- Expanding the scope, increasing # of submissions
 - Spectrum sharing is becoming a key area for TCCN
 - More networking /machine learning content
 - Tutorials? Special sections? (see later)
- We need more publicity
- Pairing with conferences being tried out (see next slide)

Publicity and paper solicitation

- GLOBECOM 2016
 - Cognitive Radio Networks symposium and targeted papers
 - Fast-track of papers, did not go well (very low response)
- CROWNCOM 2016
 - Sent e-mail to all authors, no measurable result
- GlobalSIP 2016
 - Lost to competing special issue of JSTSP
- DySPAN 2017
 - Excellent experience, 9 good papers published in September 2017
- CRN Symposium at ICC 2017
 - Wrapping up a special section with 5 papers, will be published in Dec 2017
- GLOBECOM 2017
 - Cognitive Radio Networks symposium papers (9 submitted so far)
- ICC 2018
 - CRN symposium, association with TCCN mentioned in the CFP
- Other similar initiatives being implemented