VP Publication Report

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2012 September ADCOM Meeting

Outline:

Systems Journal status

New EiC/activities

New Journals/Magazines

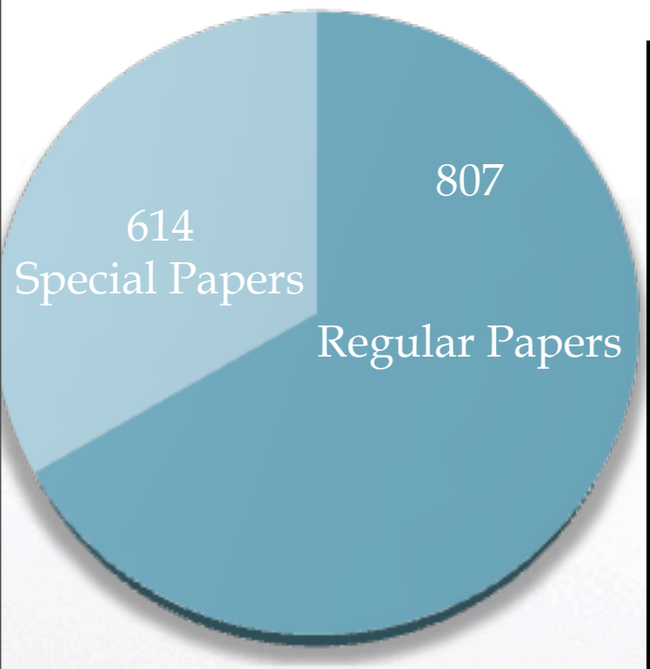
Open Access

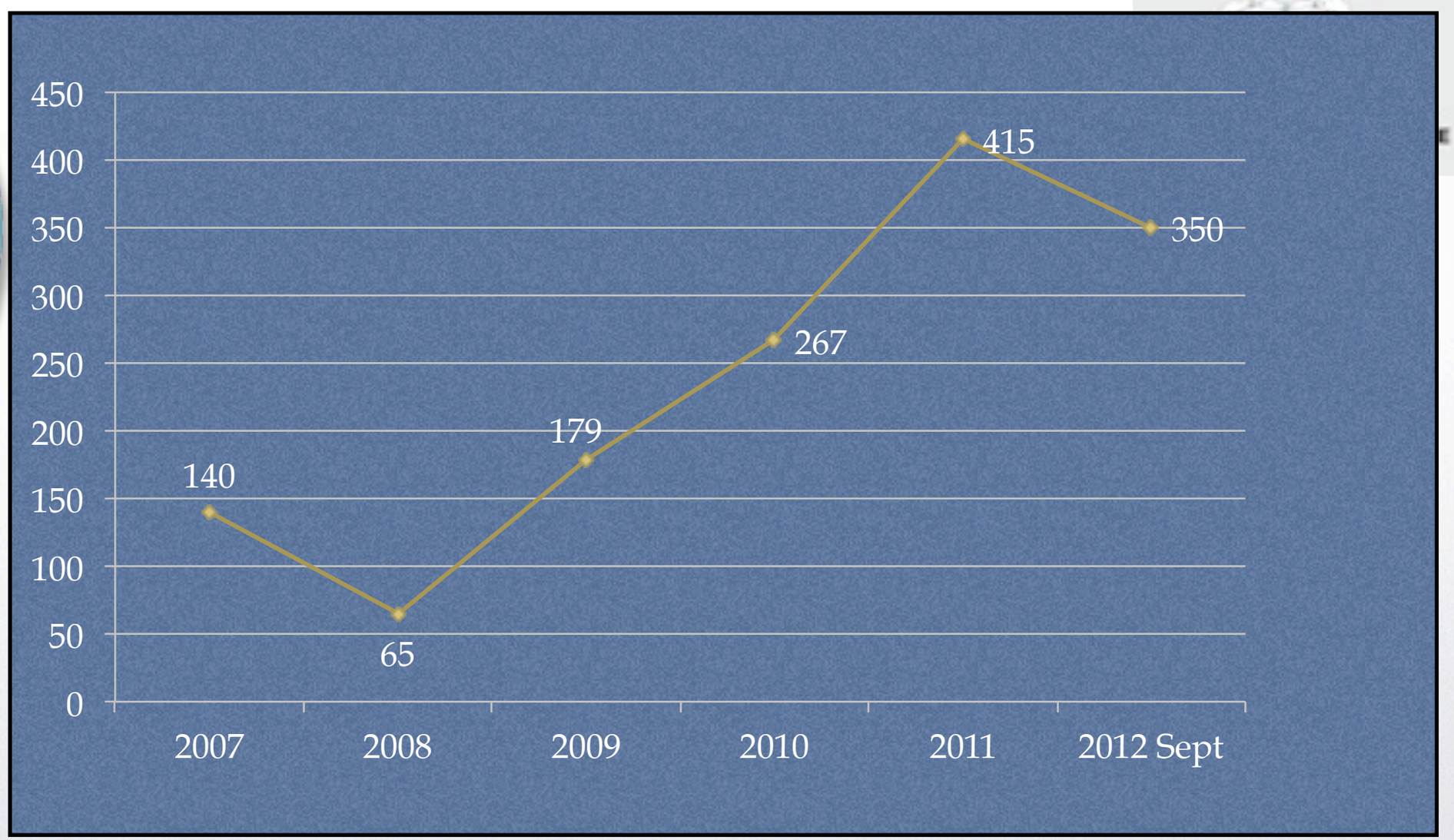
IEEE Systems Journal

Status

IEEE Systems Journal: some facts

Type of Papers





IEEE Systems Journal: some facts

Year	Submitted	Published	Rejected	Withhdrawn	In process	
2007	**140**	63	71	5	0	1st year
2008	**65**	35	25	1	4	2nd year
2009	**178**	98	95	11	6	3rd year
2010	**269**	111	141	7	7	4th year
2011	**415**	12	178	12	173	5th year
2012	**354**	0	79	5	267	6th year
Total	**1421**	**319**	**589**	**41**	**457**	**papers**

Production figures

	# articles	average (weeks)	
min	1	6	Photonics Journal
max	362	120	Aerospace & elect. systems
mean	54	82	
std	52	19	
Our Journal	8	41.5	

Source:
IEEE Submission To Publication Report Listed by Publication
For Articles Published in Q1 2012

Figures and facts

#citations/year

- **The first 5 most cited papers (2011 and 2012 numbers):**

Title: **Evaluation of the State of Passive UHF RFID: An Experimental Approach** Author(s): Aroor Supreetha Rao; Deavours Daniel D.	4.5 (5)
Title: **RFID Application Development With the Accada Middleware Platform** Author(s): Floerkemeier Christian; Roduner Christof; Lampe Matthias	3 (4.5)
Title: **Biologically Inspired Cooperative Routing for Wireless Mobile Sensor Networks** Author(s): Iyengar S. S.; Wu Hsiao-Chun; Balakrishnan N.; et al.	2.83 (3.18)
Title: **Processes for System Family Architecting, Design, and Integration** Author(s): Sage Andrew P.; Biemer Steven M.	1.67 (2.50)
Title: **Practical Minimalist Cryptography for RFID Privacy** Author(s): Langheinrich Marc; Marti Remo	1.33 (1.67)

Figures (ISI web of science)

- Impact factor 2011 - 0.923
- Impact factor 2010 - 0.629
- Impact factor 2009 - 0.825

- INCOSE Systems Engineering
- Impact factor 2011 - 0.42
- Impact factor 2010 - 0.791
- Impact factor 2009 - 0.578

IF year X = average number of citations per article in year X of articles in previous 2 years (X-1, X-2)

Usage example

IF enters research quality assessment models throughout the world

Drawback

Often criticized because induces adaptive behaviors by authors and publishers

Figures 2007-2012

- Regular papers: 97
- Systems conference: 4
- 12 closed special issues
- 4 open special issues

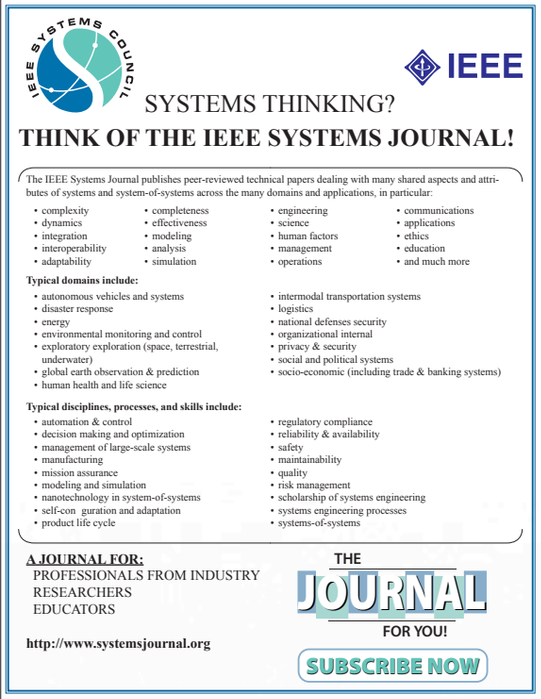
Source: Mo Jamshidi

New EiC

- The Editor in Chief Mo Jamshidi has done an excellent job
- New EiC selection process managed over the last months
- Call for applicants sent to member socs and published in the Systems journal
- Applications before June 15: 4 candidates have responded
- 3 of them were outstanding: Vincenzo Piuri was selected as new EiC
- Regional/co-editors as a possible policy to improve journal diffusion and impact (other candidates available to take this role)

Discussion ...

- The Journal masthead will list the name of Mo Jamshidi as its Founding EIC
- Congratulations to the new EIC



Vision

- Medium term: consolidate journal/website
- Promote journal at member socs flagship conferences: send handouts/ posters to conference/publication coordinators: DONE
- Ease publication path from SYSC conf. to journal (state so in cfp, conf. website): DONE - added blurb to website
- Member socs to promote special issues (e.g. through rep. members: complex instrumentation systems): DONE - submitted special issue proposal to EiC on Complex Measurement Systems
- Encourage submission of review papers (Mo's input)

Sponsorship of other pubs

- Currently involved in following activities:
- Financial sponsorship of T. Cloud Comp. (7%)
- IEEE Cloud Computing Magazine (SYSC involm. TBD)
- IEEE Trans. on Big Data (SYSC involm. TBD) to be proposed in 2013

Trans. on Cloud Computing

- SYSC to be financial sponsor of IEEE Trans. on Cloud Computing (7%)

Computer Society: 51%, being the lead society

ComSoc:	20%
PES:	15%
Systems Council:	7%
Cons. Electr.	7%

MOU signed

Currently serving on the steering committee

Looking for EiC, deadline 5th October

CFA: http://www.computer.org/portal/web/pressroom/IEEE-Transactions-on-Cloud-Computing-Seeks-Editor-in-Chief

Cloud Computing Magazine

- IEEE Cloud Computing Magazine

Launch date: March 2014 (tentative)

Frequency: 4 issues/year

Financial co-sponsorships:
Computer Society 75%
Communications Society 25%

Technical co-sponsorships:
Power and Energy Society
Consumer Electronics Society
Systems Council
Signal Processing Society

Input: ASPP - financial analysis Computer society snapshot

Analysis For Inclusion Into ASPP/ New Pubs

Metrics Table

Percentile
50-100%
25-50%
0-25%

SOCIETY			PUB	Rank %
16	C	16CT-C	T-C	61%
16	C	16CM-C	M-C	98%
16	C	16CT-SE	T-SE	71%
16	C	16CT-PAMI	T-PAMI	76%
16	C	16CT-KDE	T-KDE	49%
16	C	16CT-PDS	T-PDS	79%
16	C	16CT-VCG	T-VCG	91%
16	C	16CM-CG&A	M-CG&A	86%
16	C	16CM-MICRO	M-MICRO	88%
16	C	16CM-SOFT	M-SOFT	95%
16	C	16CM-IS	M-IS	78%
16	C	16CM-AHC	M-AHC	85%
16	C	16CM-MULTI	M-MULTI	72%
16	C	16CM-IC	M-IC	89%
16	C	16CM-ITPRO	M-ITPRO	77%
16	C	16CD&S-COMP	D&S-COMP	76%
16	C	16CL-CA	L-CA	86%
16	C	16CM-PVC	M-PVC	97%
16	C	16CT-SC	T-SC	50%

- Ranking of all journals according to margin=revenue-cost
- IEEE Systems Journal: 34%
- Keyword search within ISJ:
- ‘data’ - 89 results

Source: 2012_sc_analysis_for_inclusion_into_aspp

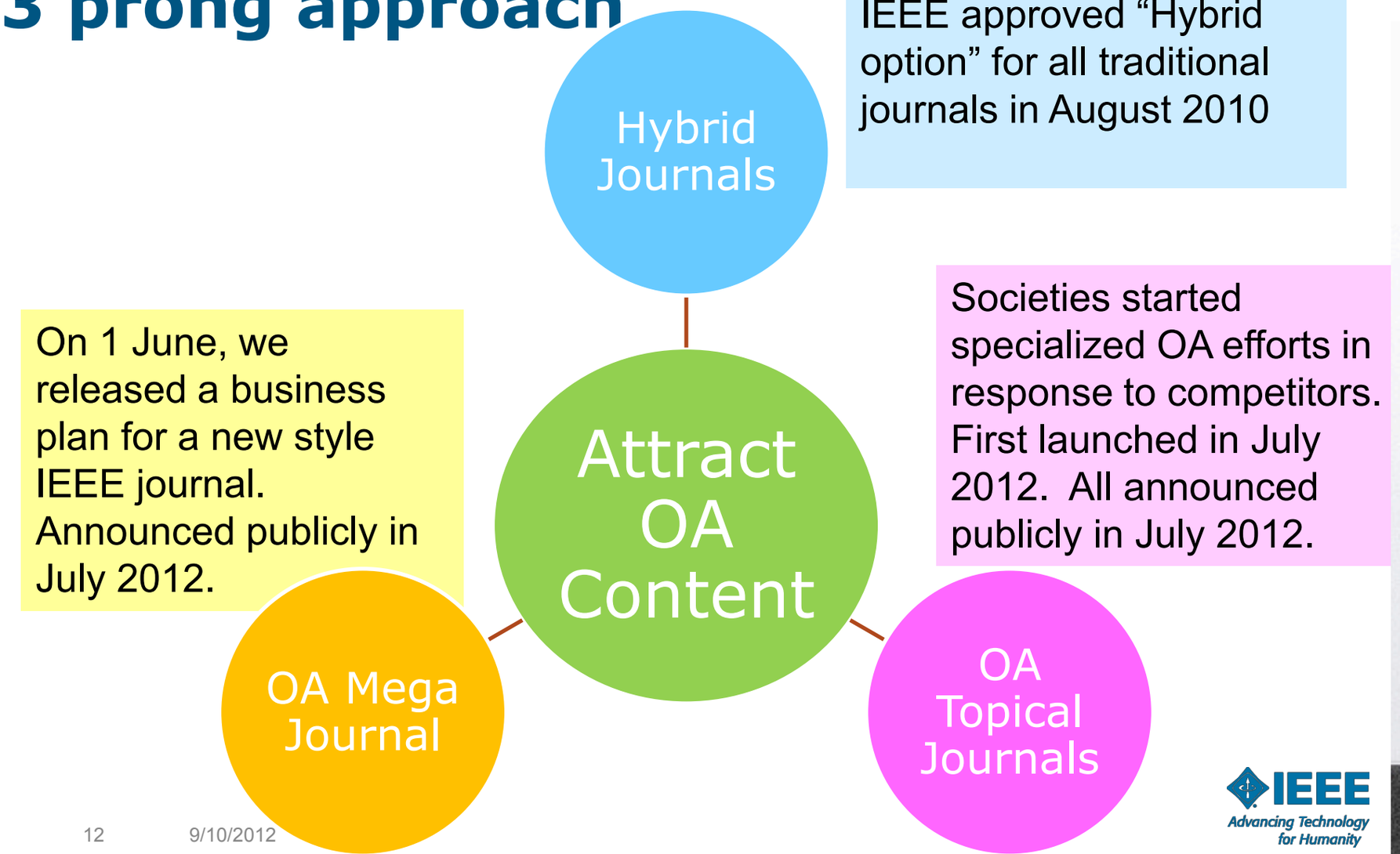
Technical/financial sponsorship

- Proposals stage does not allow for budget estimates (asked for)
- Do our scientific/technical interests justify involvement?
- Does our budget allow us to sponsor other journals/ magazines?
- Are we willing to take risks?

IEEE Open Access Strategy

- IEEE moving fast using a 3 prong OA strategy

Recommended OA Strategy – 3 prong approach



webinars on this topic

IEEE Advancing Technology for Humanity

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IEEE OA

Hybrid Journals Produced by	OA Topical Journals	OA Mega Journal
•Pubs •ComSoc •Computer •Other Societies	•Photonics •J-TEHM •ET in Computing •Journal of EDS	•IEEE Access
Discount $1750* + Pg Chg	Mostly $1350 + Pg Chg	$1750
Promote OA available in Traditional Journals	Product Communications Plans	Product Communications Plan

- Different timeframes for each, some already/about to roll out, some needing triage, and some emerging
- Differing starting points
- Near term and Longer term plans will be necessary

* Discounted price from $3000 for 24 months

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IEEE Systems Journal

- Does not use ScholarOne Manuscripts to handle submission
- Uses Work Management Systems for production
- Necessary to start operations for including hybrid OA approach
- Excluding for the moment being the foundation of new full OA journals
- Will work with current and next EiC (deadline Nov. 1)
- **HOLD SPACE in NEXT ISSUE** (1 full page - promotional ad for authors)

html formatted papers

- 1,400 HTML-formatted articles are now available via IEEE Xplore.
- The HTML-formatted articles also provide access to:

-- Figures in a variety of formats, including high-resolution
-- References in context
-- TeX source of display equations
-- Information on who is citing this article

goal this year: 200,000 articles in flagship journals (2001-2011) and conf. proceedings