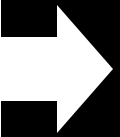


# EIC REPORT – June 2010

# ▶ EIC Handover (July 1st, 2010)

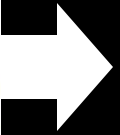


▶ Submission sytem handover (Fall 2010)

ScholarOne Manuscripts



Pareja



# ▶ Senior IEEE editor handover (Spring 2010)



► Senior IEEE editor handover (Spring 2010)



## ► editorial board, May 2010

### IEEE TRANSACTIONS ON INFORMATION THEORY

Ezio Biglieri, *Editor-in-Chief*

Cyril Méasson, *Publications Editor*

Fredrag Spasojević, *Publications Editor*

<b>RANDALL BERRY</b> <i>Communication Networks</i>	<b>TORE FLUJWARA</b> <i>Complexity and Cryptography</i>	<b>MARCO LOPS</b> <i>Detection and Estimation</i>	<b>JUSTIN ROMBERG</b> <i>Signal Processing</i>	<b>SENNUR ULUKUS</b> <i>Communication Networks</i>
<b>MARIO BLAUM</b> <i>Coding Theory</i>	<b>MICHAEL GASTPAR</b> <i>Shannon Theory</i>	<b>KRITHI MARTIN</b> <i>Complexity and Cryptography</i>	<b>REIHANEH SAJAVI-NAINI</b> <i>Complexity and Cryptography</i>	<b>ADRIAAN J. VAN WILINGAARDEN</b> <i>Communications</i>
<b>HELMUT BÖLSKEI</b> <i>Detection and Estimation</i>	<b>PATRICK HAYDEN</b> <i>Quantum Information Theory</i>	<b>URRASHI MITRA</b> <i>At Large</i>	<b>IGAL SASON</b> <i>Coding Theory</i>	<b>EMANUELE VITERBO</b> <i>Coding Techniques</i>
<b>GÉRAUD COHEN</b> <i>Coding Theory</i>	<b>FRANZ HLAWAITSCH</b> <i>Detection and Estimation</i>	<b>NIHUL MOTANI</b> <i>Communication Networks</i>	<b>ERCHIN SERPINDI</b> <i>Signal Processing</i>	<b>PASCAL VONTORIEL</b> <i>Coding Techniques</i>
<b>SURAS DIGGAVI</b> <i>Shannon Theory</i>	<b>SYED ALI JAFAR</b> <i>Communications</i>	<b>ARIS L. MOUSTAKAS</b> <i>Communications</i>	<b>MIKARL SKOGLUND</b> <i>Communications</i>	<b>HIROSUKE YAMAMOTO</b> <i>Shannon Theory</i>
<b>URI ERIZ</b> <i>Coding Techniques</i>	<b>NAVIN KASHYAP</b> <i>Coding Theory</i>	<b>ARIA NOSRATINIA</b> <i>Communication Networks</i>	<b>GIORGIO TARICCO</b> <i>Communications</i>	<b>EN-HUI YANG</b> <i>Source Coding</i>
<b>ELZA ERKIP</b> <i>Shannon Theory</i>	<b>IOANNIS KONTOTIANNIS</b> <i>Shannon Theory</i>	<b>ERIK ORIENTLICH</b> <i>Source Coding</i>	<b>SEKHAR TATIKONDA</b> <i>Communications</i>	<b>NAM YUL YU</b> <i>Sequences</i>
<b>CHRISTINA FRAGOULI</b> <i>Communication Networks</i>	<b>ADAM KEZYČAK</b> <i>Pattern Recognition, Statistical Learning, and Inference</i>	<b>MATTHEW G. PARKER</b> <i>Sequences</i>	<b>JEAN-PIERRE TILLICH</b> <i>Coding Theory</i>	<b>ROY D. YATES</b> <i>Communication Networks</i>
<b>MASSIMO FRANCESCOBETTI</b> <i>Communication Networks</i>		<b>SUNDAR RAJAN</b> <i>Coding Theory</i>		<b>LIZHONG ZHENG</b> <i>Communications</i>

+ Massey (Books) = 44 Associate Editors  
(were 26 in June 2007)

# APPOINTING NEW ASSOCIATE EDITORS

## New associate editors to be appointed

- Appointments delayed until S1M is in place, to prevent new AEs from learning Pareja.
- To be approved by BoG:

*Yossi Steinberg (at Large)*

*Tomohiko Uyematsu (Shannon Theory)*

*Wei Yu (Shannon Theory)*

*Tsachy Weissman (Shannon Th.+ Source Coding)*

# STATE OF THE IT TRANSACTIONS

## ► Production Report (June 2010)

Publication	Issue	MailDate	2009 PageCnt	2010 PageEst	2010 PageCnt
Information Theory	Jan	12/29/09	476	475	652
	Feb	3/1/10	452	475	300
	Mar	3/16/10	516	475	536
	Apr	3/25/10	512	475	580
	May	4/22/10	488	475	488
	Jun	5/20/10	488	475	524
	Jul		508	475	
	Aug		484	475	
	Sep		464	475	
	Oct		444	475	
	Nov		564	475	
	Dec		543	475	
2009 IndexPages 43					
2010 Total_tabBudget 5700			5939	5700	3080
Percent of Total_TABBudget 3080/5700	54%				

projected page count: > 6100

## ► Special issues

- INFORMATION THEORY IN MOLECULAR BIOLOGY AND NEUROSCIENCE  
GUEST EiC: Olgica Milenkovic  
February 2010
- FACETS OF CODING THEORY: FROM ALGORITHMS TO NETWORKS (*Tribute to the work of Ralf Kötter*)  
February 2011 (tentative)
- INTERFERENCE NETWORKS  
March 2011 (tentative)

## ▶ From Pareja to “Manuscript Central”

Ad hoc committee appointed to organize the transition:

- Alex Grant
- Adriaan J. van Wijngaarden

in collaboration with Kevin Quirk and Sonal Parikh (IEEE)

● ***HANDOVER SCHEDULED FOR FALL 2010***

## ► From Pareja to S1M (formerly Manuscript Central)

- Migration of all data stored in Pareja apparently not possible
- Pareja and S1M will coexist until all Pareja papers end their editorial life
- Old AEs will use two websites
- AEs appointed after  $t_0$  will only use S1M
- *Pareja will be progressively offloaded, and hence more stable*  
(disk size seems to be a major problem now)
- At time  $t_0$  all papers will be submitted on MC
- $t_0$  = Fall 2010, under new EiC

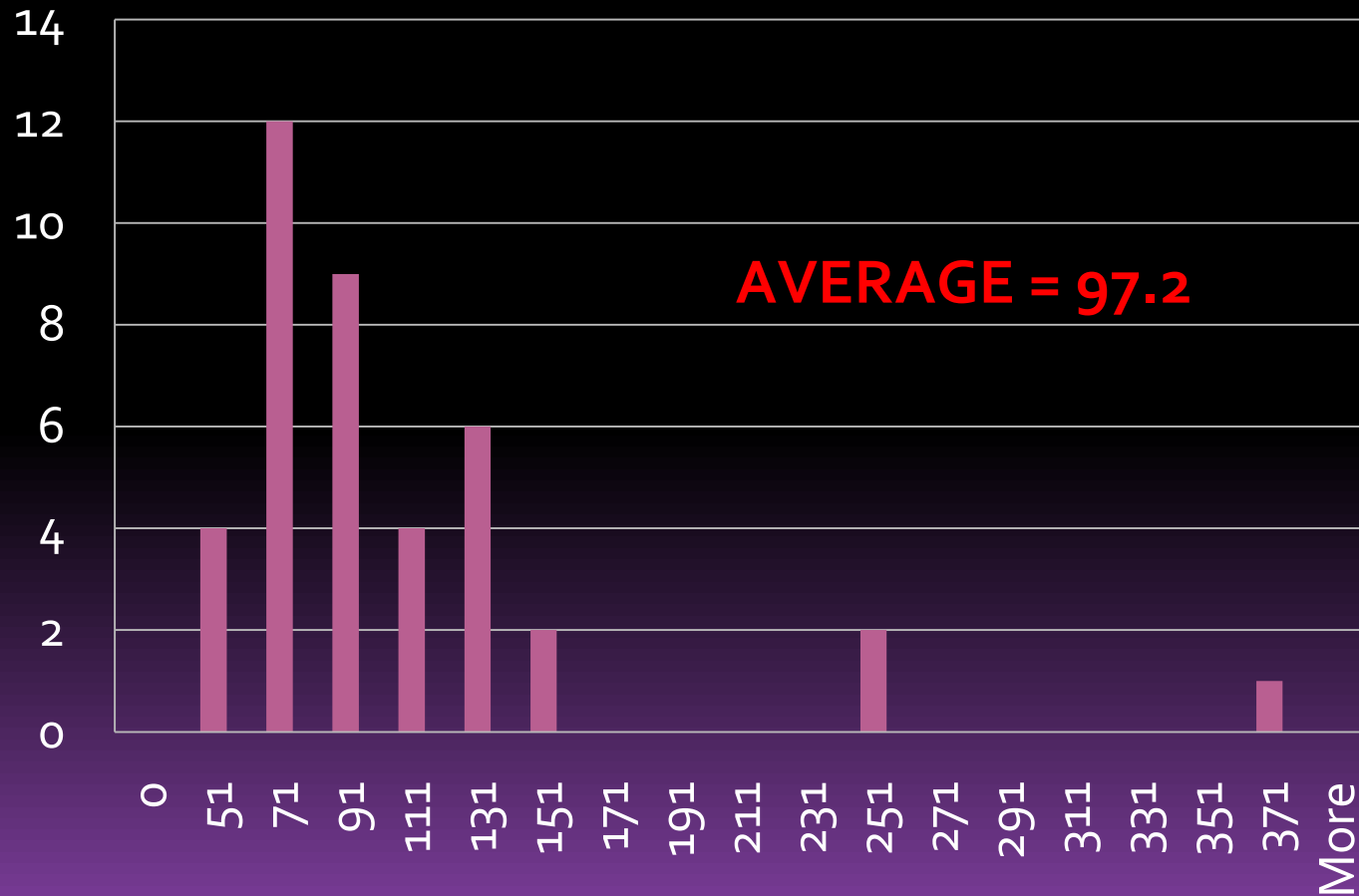
- ▶ **From Pareja to S1M  
(formerly Manuscript Central)**
  - **113 IEEE journals out of 149 use S1M**
  - **Generate sub-to-pub, acceptance rate reports**
  - **Performance summary can be created in format useful for 5-year IEEE review**
  - **Article storage and archiving to move to IEEE**
  - **S1M to be linked to iThenticate**
  - **Submissions from authors in prohibited list are automatically identified**
  - **Reviews to be automatically attached to decision letters**

# “Best editorial practices” document issued

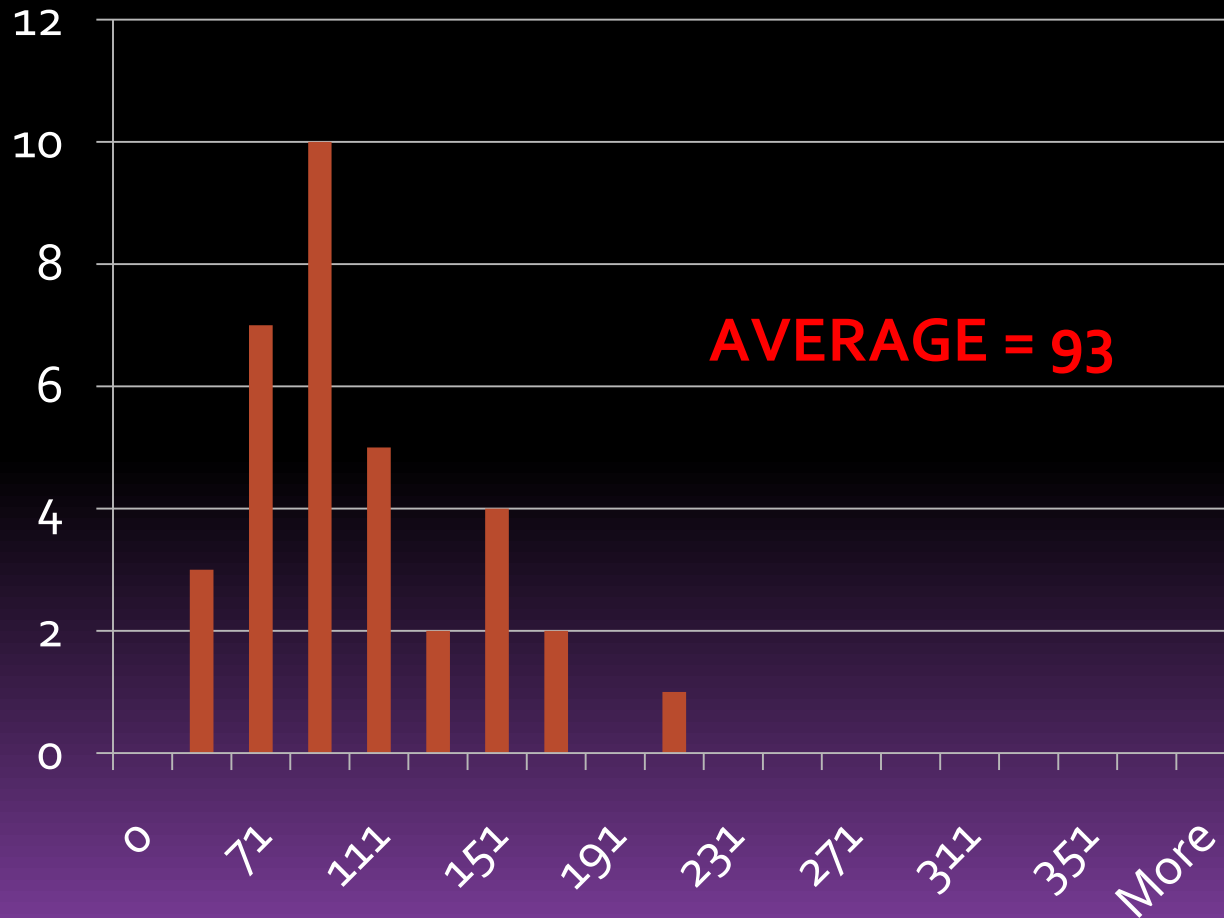
- **Instruction of new AEs**
- **Reduction of sub-to-pub time**
- **ComSoc to issue similar documents**

# RECENT STATISTICS

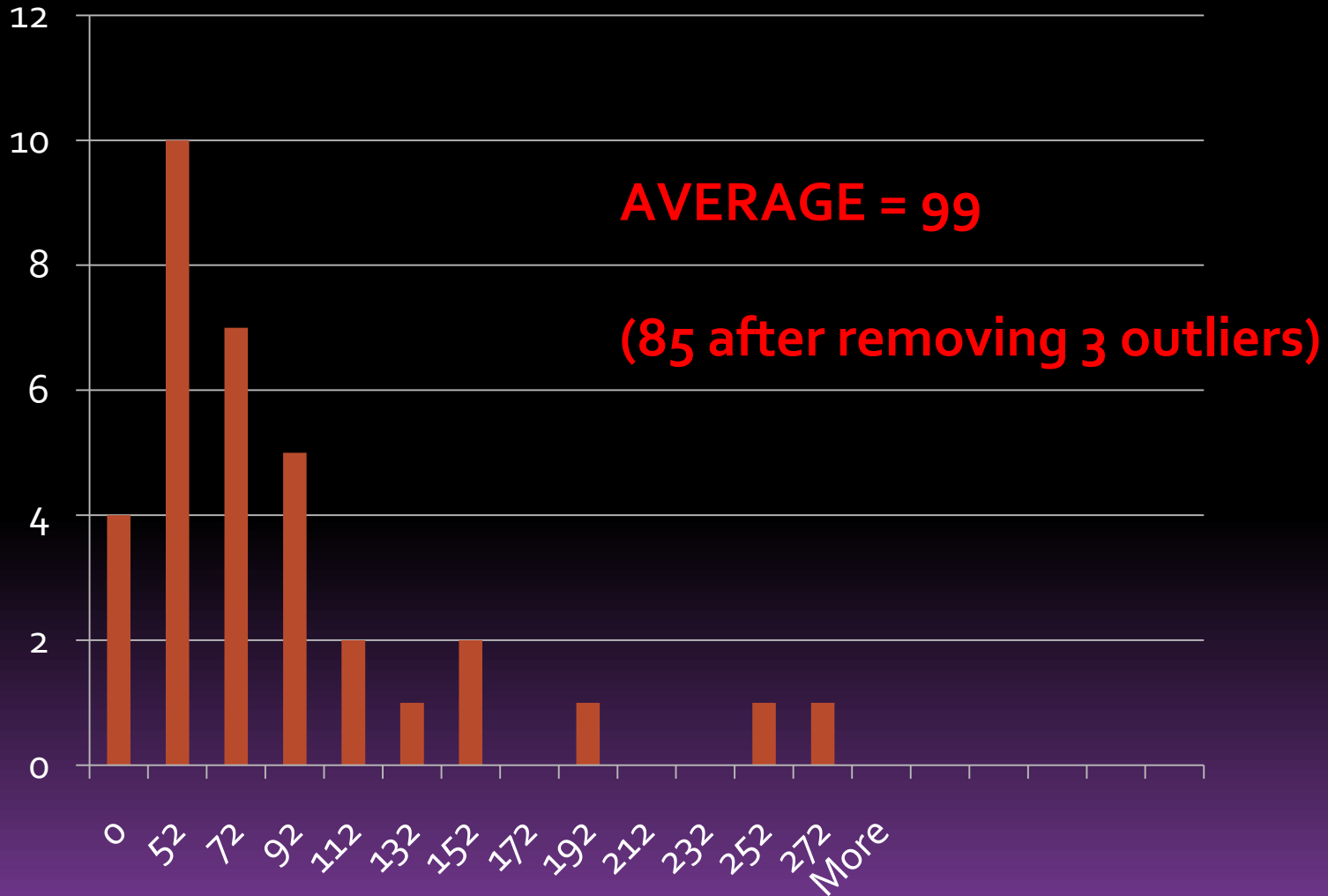
## ▶ Sub-to-Pub data (January 2009)



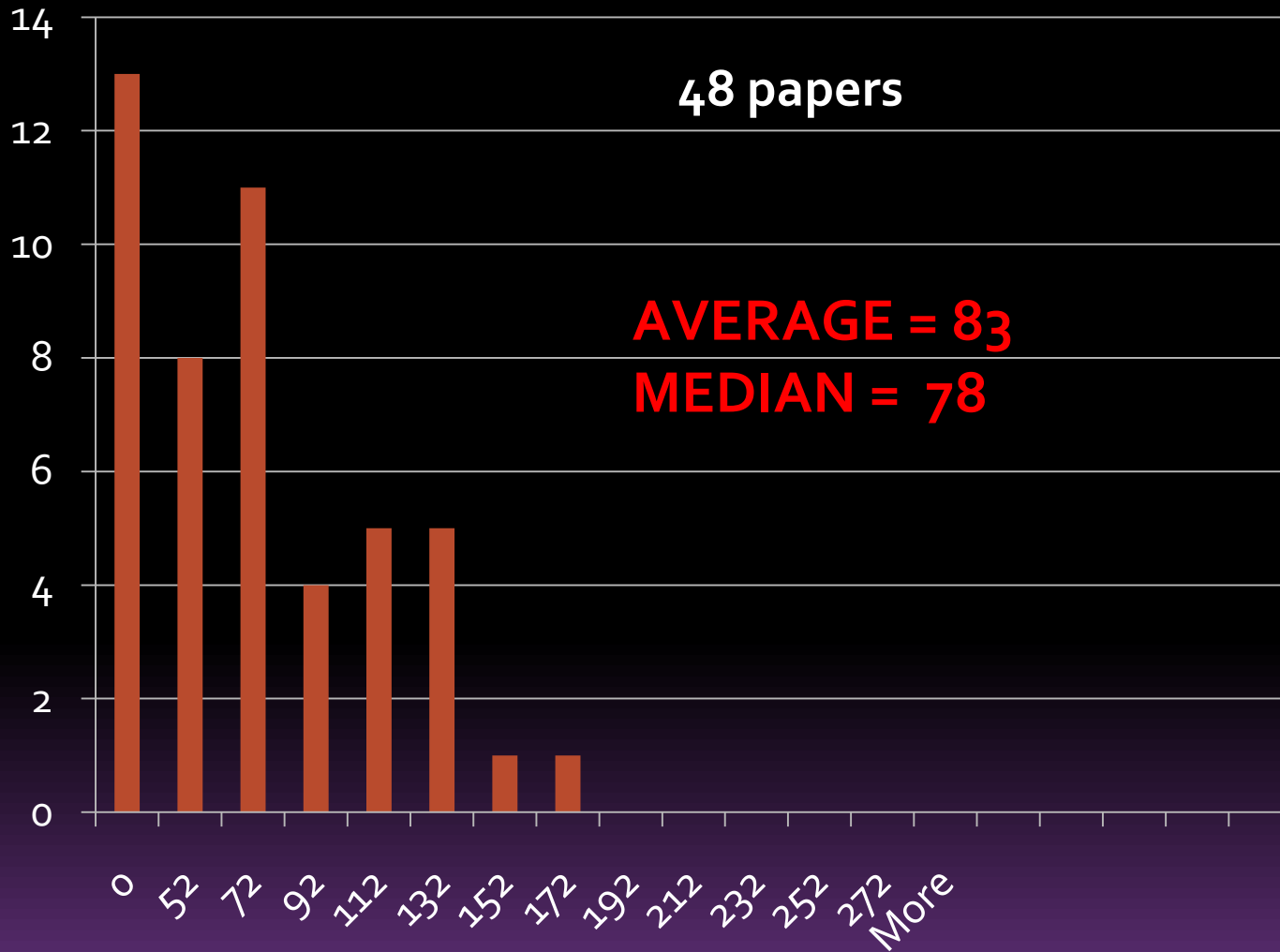
## ▶ Sub-to-Pub data (July 2009)



# ▶ Sub-to-Pub data (October 2009)



## ▶ Sub-to-Pub data (July 2010)



# NEWS FROM IEEE

## ▶ **Open-access paradigm**

- **Publication fees ranging from \$ 800 to \$ 3,000**
- **Possibility of a hybrid approach**

### **What are other publishers doing?**

- **Some totally open access**
- **Most, but not all, of the commercial and learned society publishers are offering a hybrid model**
- **Two IEEE publications offering “hybrid” open access**
- **Open access publishing has yet to demonstrate sustainability**

## ▶ Newsletters in Xplore

- Newsletters contents to be made available via Xplore
- Issue to appear as a single file
- Search function not available
- Rollout scheduled for early 2011

## ▶ End of sequential page numbering

- IEEE wants to abandon paper-based issues (although they still will print them) in favor of single-article publication
- Processing and publishing single articles is faster than waiting for all articles in an issue to be completed

► How much does it cost to keep printed Transactions at home?

- Footprint of a single issue:  $3 \text{ cm} \times 40 \text{ cm} = 0.012 \text{ m}^2$
- 5 vertical layers in bookshelf  
→ each issue takes  $0.012/5 = 0.0024 \text{ m}^2$
- Typical apartment price:  $4,000 \text{ €} / \text{m}^2$
- Storage of a single issue costs  
 $4,000 \text{ €} / \text{m}^2 \times 0.0024 \text{ m}^2 = 9.6 \text{ €} / \text{issue}$
- Storage of a 12-issue volume costs  
 $9.6 \times 12 = 115.2 \text{ €}$   
(about 3 times the subscription price)



## ▶ IEEE Technology news

- IEEE Xplore: 2.6M articles; 200K added each year
- ITN will present ~0.5% of newly posted articles; ~1K/yr
- Weekly; with ~20 items per week
- Free to everyone –ad & commission supported
- ITN will present what's hot, interesting, timely, newsworthy; what might have significant impact in next 5 to 10 years; and is of greatest interest to practitioners
- Articles will be condensed; in layman's language, each with a link to the article in Xplore
- Online only –on website & emailed to subscribers (including mobile devices)
- Technical writing done in India (\$ 20/day)

# IEEE NEW IDEAS

## *New Author Gateway Coming in October*

**This is developed to link authors to information about their articles in the digital production process. Authors will be able to view the state of each article in progress and to ascertain if a proof is available for review and what happens next in the production process.**

# IEEE NEW IDEAS

- Effective January, 2010, all published papers will carry:
  - *received date*
  - *revised date(s)*
  - *accepted date*
  - *date of publication*



**QUESTIONS?**