

# IEEE сегодня

- ▶ Некоммерческая ассоциация
  - IEEE = Institute for Electrical & Electronic Engineers
- ▶ Крупнейшая в мире ассоциация специалистов в области техники, свыше 426,000 членов в 190 странах
- ▶ Четыре направления:
  - Поддержка членов ассоциации
  - Организация конференций
  - Разработка стандартов
  - Издательская деятельность



# Миссия IEEE

Содействовать развитию технологий и инноваций *на благо человечества*

IEEE способствует процессам создания, развития, интеграции, совместного использования и применения научных знаний в области технических и информационных наук на благо человечеству.



# IEEE состоит из 38 сообществ (IEEE Societies)

**IEEE Aerospace and Electronic Systems Society**

**IEEE Antennas and Propagation Society**

**IEEE Broadcast Technology Society**

**IEEE Circuits and Systems Society**

**IEEE Communications Society**

**IEEE Components, Packaging, and Manufacturing Technology Society**

**IEEE Computational Intelligence Society**

**IEEE Computer Society**

**IEEE Consumer Electronics Society**

**IEEE Control Systems Society**

**IEEE Dielectrics and Electrical Insulation Society**

**IEEE Education Society**

**IEEE Electron Devices Society**

**IEEE Electromagnetic Compatibility Society**

**IEEE Engineering in Medicine and Biology Society**

**IEEE Geoscience and Remote Sensing Society**

**IEEE Industrial Electronics Society**

**IEEE Industry Applications Society**

**IEEE Information Theory Society**

**IEEE Instrumentation and Measurement Society**

**IEEE Intelligent Transportation Systems Society**

**IEEE Magnetics Society**

**IEEE Microwave Theory and Techniques Society**

**IEEE Nuclear and Plasma Sciences Society**

**IEEE Oceanic Engineering Society**

**IEEE Photonics Society**

**IEEE Power Electronics Society**

**IEEE Power & Energy Society**

**IEEE Product Safety Engineering Society**

**IEEE Professional Communications Society**

**IEEE Reliability Society**

**IEEE Robotics and Automation Society**

**IEEE Signal Processing Society**

**IEEE Society on Social Implications of Technology**

**IEEE Solid-State Circuits Society**

**IEEE Systems, Man, and Cybernetics Society**

**IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society**

**IEEE Vehicular Technology Society**



# IEEE: члены и авторы – лидеры сегодня и завтра



Thomas H. Lee  
IEEE Medal of Honor 2007

Алгоритмы для транзакций на картах, SMS и по мобильным



Gordon Moore  
IEEE Medal of Honor 2008

Вы в пленности



John Hennessy  
IEEE Medal of Honor 2012  
Президент, Stanford University



Irwin Jacobs  
IEEE Medal of Honor 2013  
Соучредитель, Qualcomm, Inc



B. Jayant Baliga  
IEEE Medal of Honor 2014

Разработки в сфере полупроводников

# Престижный конкурс для студентов

Think you  
can code?

**IEEE**X**TREME**:  
the 24-hour global programming  
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Prove it.



Worldwide, 24-hour programming challenge  
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Teams of student members, advised and proctored  
by an IEEE Member, compete in a 24-hour time span against each  
other to solve a set of programming problems.

Top prize is a trip  
**anywhere in the world**  
to the IEEE event of the top team's choice!

Teams registered in 2013:

**1,838**

# IEEE охватывает все сферы в области технологий

Не ограничивающиеся электротехникой и теорией ЭВМ

**OPTICS** **RENEWABLE ENERGY**  
**SEMICONDUCTORS** **CLOUD COMPUTING**  
**IMAGING** **INFORMATION TECHNOLOGY**  
**COMMUNICATIONS** **AEROSPACE** **CIRCUITS**  
**BIOMEDICAL ENGINEERING** **ELECTRONICS**  
**LTE WIRELESS BROADBAND** **SMART GRID**  
**BIG DATA** **NANOTECHNOLOGY**

# Мировые лидеры доверяют информации IEEE



## Технологические компании

- 8 из топ 10 телекоммуникационных компаний
- Все топ 24 полупроводниковые компании
- 9 из 10 аэрокосмические компании
- 9 из 10 топ производители автомобилей
- 8 из топ 10 производители коммуникационного оборудования
- 4 из топ 5 производители электроники
- Все топ 5 производители компьютерного оборудования

(Forbes Global 2000 Rankings, May 2013)



## Университеты

- Все топ 100 технических университетов США
- 97 из топ 100 технических университетов мира

(US News and World Report 2011, Times Higher Education Top Technology Universities)



## Государственные организации

- Аэрокосмические агентства
- Оборонсервис
- Лаборатории в области связи и энергетики
- Патентные ведомства и научные советы
- Government R&D centers in North America, Europe, Asia and the Middle East





# Российские авторы в IEEE

**Bauman Moscow State Technical University**

**St. Petersburg State University**

**National Research Nuclear University MEPhI**

**Novosibirsk State University**

**Tomsk State University**

**Southern Federal University** **Moscow State University**

**Moscow Power Engineering Institute**

**Russian Academy of Sciences**

**Saratov State University**



# Полнотекстовый доступ к IEEE/IET Electronic Library (IEL)

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- 1400+ annual **IEEE conferences** + 43 **VDE conferences**
- Свыше **2800 IEEE standards** (active, archived, redlines) + **IEEE Standard Dictionary**
- 20 **IET conferences**, 26 **IET journals & magazines**
- Inspec index records for all
- Глубина архива до 1988 года, отдельные названия до 1872 года
- **Bell Labs Technical Journal (BLTJ)** архив до 1922 года

# Мировые лидеры доверяют публикациям IEEE

**IEEE журналы**— высоко цитируемые в обл. техники, электроники 179 названий.

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IEEE-Wiley  
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# IEEE quality makes an impact

Thomson Reuters Journal Citation Reports® by Impact Factor

## IEEE publishes:

**17 of the top 20** journals in Electrical and Electronic Engineering

**14 of the top 15** journals in Telecommunications

**3 of the top 5** journals in Computer Science, Hardware & Architecture

**3 of the top 5** journals in Computer Science, Cybernetics

**3 of the top 5** journals in Automation & Control Systems

**3 of the top 5** journals in Artificial Intelligence

**2 of the top 5** journals in Imaging Science & Photographic Technology

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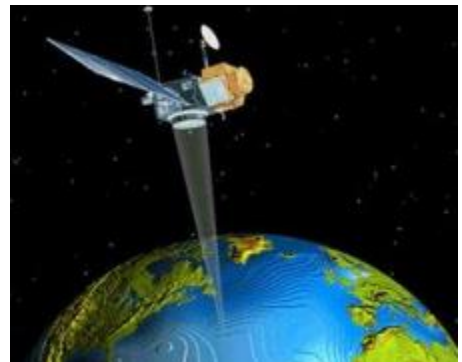
# Качество контента

## рецензируемые журналы и материалы конференций

- **Что отличает контент от IEEE от других издательств?**
- **IEEE рецензирование – процесс, в результате которого статья в журнал или материалы конференции предоставляется издательством на рассмотрение экспертов для критической оценки до ее принятия к изданию. Это стандартная процедура для научного издательства.**
- **Ключевые вопросы:**
  - **Научная корректность?**
  - **Вносит ли статья уникальный вклад в “базу знаний?”**
- **Обеспечивает авторитетность контента**
  - **Существенное отличие от новостных и прикладных изданий**
  - **Гораздо существенное отличие от контента в open web**
- **Наиболее часто цитируемый контент в технической литературе и патентах**

# Восемь новых журналов IEEE 2015г.

- IEEE Transactions on Big Data
- IEEE Transactions on Cognitive Communications and Networking
- IEEE Transactions on Computational Imaging
- IEEE Transactions on Molecular, Biological, and Multi-Scale Communications
- IEEE Transactions on Multi-Scale Computing Systems
- IEEE Transactions on Signal and Information Processing over Networks
- IEEE Systems, Man, and Cybernetics Magazine
- IEEE Transactions on Transportation Electrification

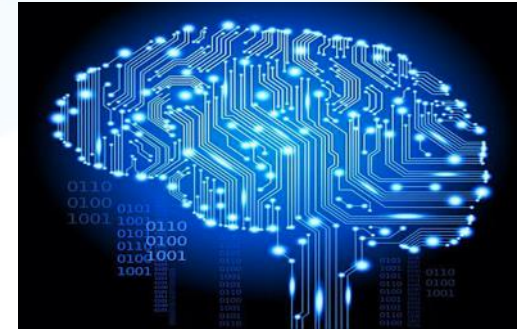


**2003 – 2014: >58 new journals added**

# New IEEE Journals Planned for 2017

In 2017, IEEE will introduce six new journals that will be available for subscription:

- *IEEE **Communications Standards Magazine***
- *IEEE Journal of **Electromagnetics, RF and Microwaves in Medicine and Biology***
- *IEEE Transactions on **Emerging Topics in Computational Intelligence***
- *IEEE Transactions on **Green Communications and Networking***
- *IEEE Transactions on **Radiation and Plasma Medical Sciences***
- *IEEE Journal of **Radio Frequency Identification***



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# New IEEE Journals Coming in 2016

In 2016, IEEE will introduce four new journals that will be available for subscription:

- *IEEE Transactions on **Intelligent Vehicles***
- *IEEE Journal on **Multiscale and Multiphysics Computational Techniques***
- *IEEE **Robotics and Automation Letters***
- *IEEE Transactions on **Sustainable Computing***



All included in an IEL subscription

For a complete title listing, to go: <http://ieeexplore.ieee.org/xpl/opacjrn.jsp>



# Примеры новых конференций IEEE в 2014г.



- **Internet of Things** (WF-IoT), 2014 IEEE World Forum on
- **Humanitarian Technology** Conference, (IHTC), 2014 IEEE Canada International
- **Aerospace Electronics and Remote Sensing Technology** (ICARES), 2014 IEEE International Conference on
- Antenna Measurements & Applications (CAMA), 2014 IEEE Conference on
- Consumer Electronics, Taiwan (ICCE-TW), 2014 IEEE International Conference on
- Energy Conversion (CENCON), 2014 IEEE Conference on
- Ethics in Science, Technology and Engineering, 2014 IEEE International Symposium on
- **Transportation Electrification** Asia-Pacific (ITEC Asia-Pacific), 2014 IEEE Conference and Expo
- **Intelligent Energy** and Power Systems (IEPS), 2014 IEEE International Conference on
- Quantum Optics Workshop (QOW), 2014
- Sensor Systems for a Changing Ocean (SSCO), 2014 IEEE
- Wireless and Mobile, 2014 IEEE Asia Pacific Conference on
- Industrial Engineering and Information Technology (IEIT), 2014 International Conference on
- Guidance, Navigation and Control Conference (CGNCC), 2014 IEEE Chinese

# IEEE и патенты

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# Инновация – это ключ к росту современной экономики

Современная экономика представляет возможность инвестировать в развивающиеся технологии и исследования, которые приведут к росту рынка.

- Разработки новой продукции позволяет компаниям удовлетворить потребности рынка и увеличить ассортимент в ожидании подъема рынка.
- Инновация – это ключ к успеху в конкурентной среде и процветанию завтра.



# Инновация – это ключ к росту современной экономики

IEEE помогает организациям удовлетворить требования современной экономики путем доступа к наиболее инновационным и релевантным результатам исследований, необходимых для создания продукции «завтрашнего дня».



# IEEE содействует созданию новых патентов



## Analysis of Patent Referencing to IEEE Papers, Conferences, and Standards 1997-2012

Report prepared for:

IEEE  
445 Hoes Lane  
P.O. Box 1331  
Piscataway, NJ 08855-1331, USA

Report prepared by:

Anthony Breitzman, Ph.D.  
1790 Analytics LLC  
130 Haddon Avenue  
Haddonfield, NJ 08033  
[www.1790analytics.com](http://www.1790analytics.com)

June 5, 2013

## IEEE вновь заняло первое место в исследовании топ-40 патентующих организаций

- В три раза больше цитат на издания IEEE, чем любое другое издательство
- Ссылки на IEEE в патентах выросли на 660% начиная с 1997 г.
- Повышается значимость технической литературы в патентах
- IEEE публикует чрезвычайно важные исследования

1790 Analytics LLC performed an in-depth analysis of the science references from top patenting firms.

# Пример патента, цитирующего исследования, опубликованные IEEE

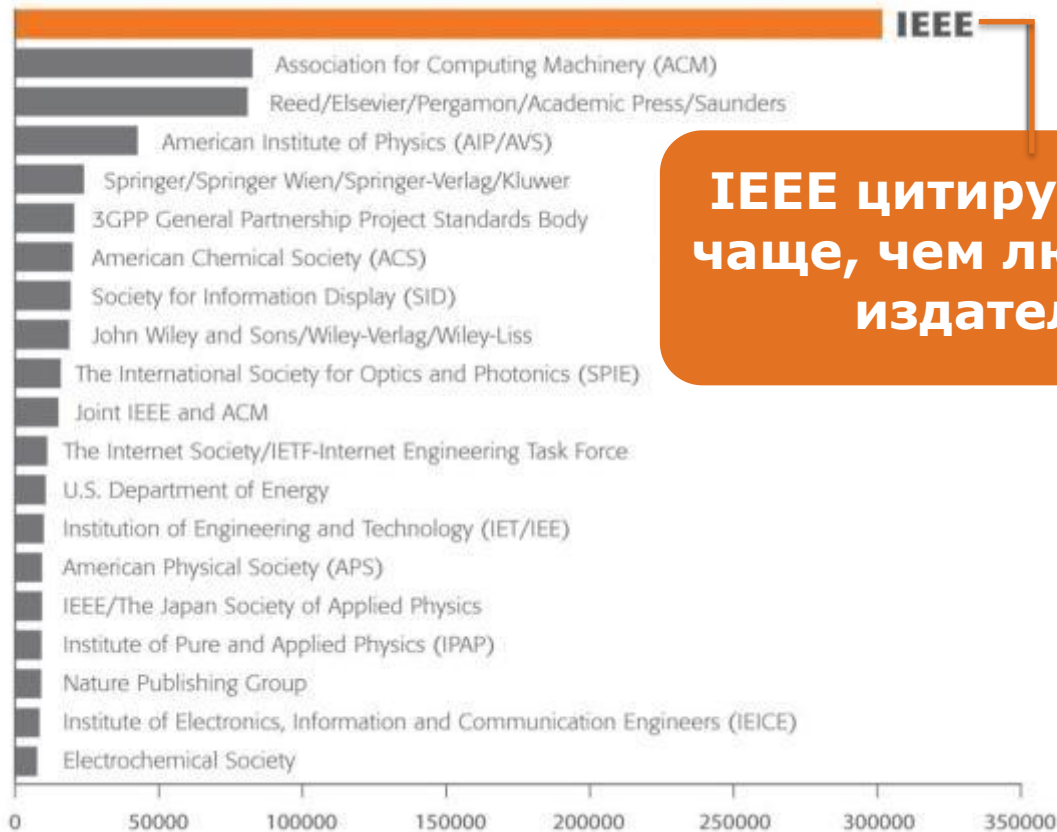
This patent has  
18 references to IEEE

## Other References

- A sun Spot based automatic vehicular accident notification system; Acharya, D.; Kumar, V.; Garvin, N.; Greca, A.; Gaddis, G.M.; Information Technology and Applications in Biomedicine, 2008. ITAB 2008. International Conference on; Digital Object Identifier: 10.1109/ITAB.2008.4570547; Publication Year: 2008 , pp. 296-299. cited by examiner .
- Robust observer for prevention of vehicle rollover; Rabhi, A.; Chadli, M.; El Hajjaji, A.; Bosche, J.; Advances in Computational Tools for Engineering Applications, 2009. ACTEA '09. International Conference on; Digital Object Identifier: 10.1109/ACTEA.2009.5227837; Publication Year: 2009 , pp. 627-632. cited by examiner .
- Unified Chassis Control for Rollover Prevention and Lateral Stability; Jangyeol Yoon; Wanki Cho; Bongyeong Koo; Kyongsu Yi; Vehicular Technology, IEEE Transactions on; vol. 58 , Issue: 2; Digital Object Identifier: 10.1109/TVT.2008.927724 Publication Year: 2009 , pp. 596-609. cited by examiner .
- A Mobile System for Detecting and Notifying Vehicle Rollover Events; Acharya, D.; Kumar, V.; Gaddis, G.M.; Advanced Computing and Communications, 2007. ADCOM 2007. International Conference on; Digital Object Identifier: 10.1109/ADCOM.2007.102; Publication Year: 2007 , pp. 268-275. cited by examiner .
- Measurement of Absolute Vehicle Speed With a Simplified Inverse Model; Mei, T.X.; Li, H.; Vehicular Technology, IEEE; Transactions on; vol. 59 , Issue: 3; Digital Object Identifier: 10.1109/TVT.2010.2040199; Publication Year: 2010 , pp. 1164-1171. cited by examiner .
- A. G. Nalez; A. C. Bindemann; and C. Bare, "Sensitivity Analysis of Vehicle Tripped Rollover Model", Report DOT HS 807 300, NHTSA, Jul. 1988. cited by examiner .
- W.R. Garrott, "Rollover Research Activities at the Vehicle Research and Test Center--Frequency Response Testing", Report DOT HS 807 993, NHTSA, Jun. 1992. cited by examiner .
- W.R. Garrott; J.G. Howe; and G. Forkenbrock, "An Experimental Examination of Selected Maneuvers That May Induce On-Road Untripped, Light Vehicle Rollover--Phase II of NHTSA's 1997/1998 Vehicle Rollover Research Program", Report VRTC-86-0421, NHTSA, Jul. 1999. cited by examiner .
- "Roll Over Detection," Peter Steiner, Peter Weidel, Herman Kublbeck, Helmut Steurer, an Peter Hora, SAE Technical Paper Series, Feb. 24-27, 1997, pp. 45-49. cited by examiner .
- "Problems of Using Accelerometers to Measure Angular Rate in Automobiles," P.E.M. Frere, Sensors and Actuators A. 25-27, 1991, pp. 821-824; Ward's Auto World, Natalie Neff, vol. 32, No. 11. cited by examiner .
- A Stability Control by Active Angle Control of Front-Wheel in a Vehicle System; Ohara, H.; Murakami, T.; Industrial Electronics, IEEE Transactions on; vol. 55, Issue 3, Mar. 2008 pp. 1277-1285; Digital Object Identifier 10.1109/TIE.2007.909051. cited by examiner .
- Robust Model-Based Fault Detection for a Roll Stability Control System; Li Xu; Tseng, H.E.; Control Systems Technology, IEEE Transactions on; vol. 15, Issue 3, May 2007 pp. 519-528; Digital Object Identifier 10.1109/TCST.2006.890287. cited by examiner .
- Integrating INS Sensors With GPS Measurements for Continuous Estimation of Vehicle Sideslip, Roll, and Tire Cornering; Sunness, Bevy, D.M.; Ryu, J.; Gerdes, J. C.; Intelligent Transportation Systems, IEEE Transactions on; vol. 7, Issue 4, Dec. 2006 pp. 483-493; Digital Object Identifier 10.1109/ITIS.2006.883110. cited by examiner .
- UK Patent Search Application No. GB 0517249.9, dated Dec. 9, 2005. cited by other .
- Bicycles, motorcycles, and models; Limebeer, D.J.N.; Sharp, R.S.; Control Systems Magazine, IEEE vol. 26, Issue 5, Oct. 2006 pp. 34-61. cited by other .
- An anti-lock braking control system for a hybrid electromagnetic/electrohydraulic brake-by-wire system; Avivar, S.; American Control Conference, 2004. Proceedings of the 2004; vol. 3, Jun. 30-Jul. 2, 2004 pp. 2699-2704 vol. 3. cited by other .
- Vehicle Yaw Control via Second-Order Sliding-Mode Technique; Cecchi, M.; Ferrara, A.; Vecchio, C.; Industrial Electronics, IEEE Transactions on; vol. 55, Issue 11, Nov. 2008 pp. 3908-3916; Digital Object Identifier 10.1109/TIE.2008.2003200. cited by other .
- New Automotive Sensors-A Review; Fleming, W.J.; Sensors Journal, IEEE; vol. 8, Issue 11, Nov. 2008 pp. 1900-1921; Digital Object Identifier 10.1109/JSEN.2008.2006452. cited by other .
- Robust Model-Based Fault Detection for a Roll Stability Control System; Li Xu; Tseng, H.E.; Control Systems Technology, IEEE Transactions on; vol. 15, Issue 3, May 2007 pp. 519-528; Digital Object Identifier 10.1109/TCST.2006.890287. cited by other .
- Predictive Active Steering Control for Autonomous Vehicle Systems; Falcone, P.; Tseng, H.E.; Hrovat, D.; Control Systems Technology, IEEE Transactions on; vol. 15, Issue 3, May 2007 pp. 566-580; Digital Object Identifier 10.1109/TCST.2007.894653. cited by other .
- Control systems for mobile Satcom antennas; Debruin, J.; Control Systems Magazine, IEEE; vol. 28, Issue 1, Feb. 2008 pp. 86-101; Digital Object Identifier 10.1109/CS.2007.910205. cited by other .
- Quaternion-based extended Kalman filter for determining orientation by inertial and magnetic sensors; Sabatini, A.M.; Biomedical Engineering Online, IEEE Transactions on; vol. 53, Issue 7, Jul. 2006 pp. 1346-1356; Digital Object Identifier 10.1109/TBME.2006.875664. cited by other .
- A Dynamic-Model-Based Wheel Slip Detector for Mobile Robots on Outdoor Terrain; Ward, C.C.; Iagnemma, K.; Robotics, IEEE Transactions on; vol. 24, Issue 4, Aug. 2008 pp. 821-831; Digital Object Identifier 10.1109/TRO.2008.924945. cited by other .
- Investigation of Sliding-Surface Design on the Performance of Sliding Mode Controller in Antilock Braking Systems, Taehyun Shim, Seungho Chang; Seok Lee; Vehicular Technology, IEEE Transactions on; vol. 57, Issue 2, Mar. 2008, pp. 747-759; Digital Object Identifier 10.1109/TVT.2007.905391. cited by other .
- A Stability Control by Active Angle Control of Front-Wheel in a Vehicle System; Ohara, H.; Murakami, T.; Industrial Electronics, IEEE Transactions on; vol. 55, Issue 3, Mar. 2008 pp. 1277-1285; Digital Object Identifier 10.1109/TIE.2007.909051. cited by other .
- A Simplified Quaternion-Based Algorithm for Orientation Estimation From Earth Gravity and Magnetic Field Measurements, Yun Xiaoping; Bachmann, E.R.; McGhee, R.B.; Instrumentation and Measurement, IEEE Transactions on; vol. 57, Issue 3, Mar. 2008, pp. 638-650; Digital Object Identifier 10.1109/TIM.2007.911646. cited by other .
- Integrating INS Sensors With GPS Measurements for Continuous Estimation of Vehicle Sideslip, Roll, and Tire Cornering; Sunness, Bevy, D.M.; Ryu, J.; Gerdes, J. C.; Intelligent Transportation Systems, IEEE Transactions on; vol. 7, Issue 4, Dec. 2006, pp. 483-493; Digital Object Identifier 10.1109/ITIS.2006.883110. cited by other .
- Neuroadaptive Combined Lateral and Longitudinal Control of Highway Vehicles Using RBF Networks; Kumarawadu, S.; Lee, T.T.; Intelligent Transportation Systems, IEEE Transactions on; vol. 7, Issue 4, Dec. 2006, pp. 500-512, Digital Object Identifier 10.1109/ITIS.2006.883113. cited by other .

# IEEE занимает лидирующую позицию по цитированию в патентах

## Top 20 Publishers Referenced Most Frequently by Top 40 Patenting Organizations



**IEEE цитируют в 3 раза чаще, чем любое другое издательство**

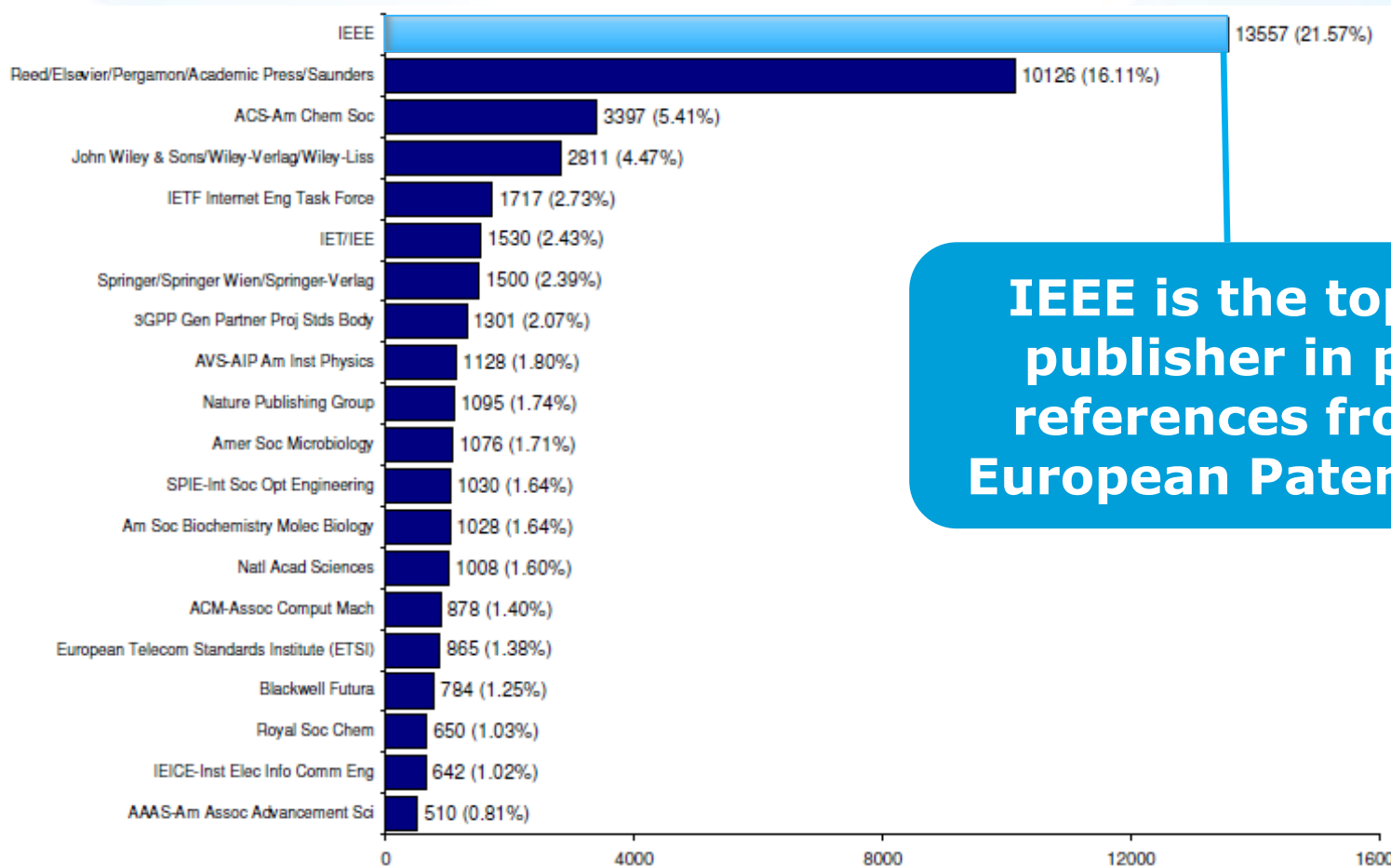
Source: 1790 Analytics LLC 2014. Based on number of references to papers/standards/conferences from 1997–2013.

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# IEEE Leads European Patent Citations

## Top 20 Publishers Referenced Most Frequently by Top 25 Patenting Organizations



**IEEE is the top cited publisher in patent references from the European Patent Office**

Source: 1790 Analytics LLC 2012, , Science References from 1997-2011



# Россия входит в число ведущих патентующих стран

23-е место  
среди стран,  
цитирующих  
издания IEEE  
в патентах

512 патентов  
ссылающихся  
на категории  
IEEE

2,273 ссылок  
на IEEE

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# What is new in IEEE *Xplore*?

New features are regularly added to enhance the customer experience. Recent new features include:

- **IEEE *Xplore* HTML content**

IEEE articles appear in a state-of-the-art, HTML layout that provides a rich and interactive research experience.

- **MathJax Plugin**

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- ✓ **Scan and interpret** articles in under 60 seconds using "Quick Preview"
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- ✓ **Quickly view** and copy mathematical equations, expressions, and formulas
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The screenshot displays the IEEE Xplore 'Quick Preview' interface for the article 'Robust Design of Adaptive Equalizers'. The interface features a top navigation bar with tabs for 'Abstract', 'Authors', 'Figures', 'Multimedia', 'References', 'Cited By', and 'Keywords'. The main content area shows the article title and a brief abstract. Below the abstract, there are several interactive elements: a 'Download PDF' button, a 'Text Size' selector (Normal, Large), an 'Email to a Colleague' button, a 'Share' button, and a 'Print' button. The article text is displayed in a clean, readable font, with a 'SECTION 1 INTRODUCTION' heading. A small image of an aircraft is visible in the lower right corner of the article preview. The interface is designed to be user-friendly and accessible, with clear navigation options and a focus on providing a full-text HTML experience.

# Recent enhancements to IEEE Xplore

- Intuitive navigation and interactive, full-text articles

## SECTION III

### OCEANOGRAPHY SCIENCE AND APPLICATIONS

JUMP

- I. Introduction
- II. Hydrology Science and Applications
- III. Oceanography Science and Applications
- IV. Swot Ka-Band Radar Interferometer (Karin)
- V. Conclusion

Quick Preview

Figures

Full Text

Footnotes

References

Authors

#### A. Previous Work and Limitations of F

Satellite altimetry measurements of ocean surface the 1980s: Seasat, Geosat, ERS-1, ERS-2, TOPEX/Poseidon. These measurements have led to dramatic advances in oceanography [33]. For instance, the TOPEX/Poseidon demonstrated an average rise of global sea level of 3.1 mm/yr. TOPEX/Poseidon OST measurements have been used to study sea level and their relations to the heat storage of the ocean. TOPEX/Poseidon were used to study the massive 1997-98 event in historical context [36]. Because of the close relationship between the OST variability and the physical state of the ocean, OST measurements into ocean circulation models help improve global ocean circulation patterns [38]. OST measurements have improved scientific predictive capabilities. For instance, altimetry

The screenshot displays the IEEE Xplore article interface. At the top, there are navigation buttons: 'Quick Preview', 'Figures', 'Full Text', 'Footnotes', 'References', and 'Authors'. Below these is a 'QUICK PREVIEW' section with tabs for 'Abstract', 'Authors', 'Figures', 'Multimedia', 'References', 'Cited By', and 'Keywords'. The 'Figures' tab is active, showing a grid of figure thumbnails. The central figure is a sea surface temperature map for July 16, 1998, with tracks from TOPEX/Poseidon and Jason radar altimeters overlaid. A red box highlights the figure's caption and interactive options: 'View in Context', 'View Hi-Res Image', and 'View All Figures'. Other figures are labeled 'Fig. 4.' and 'Fig. 6.'.

# Recent enhancements to IEEE Xplore

## ➤ New MathJax Feature

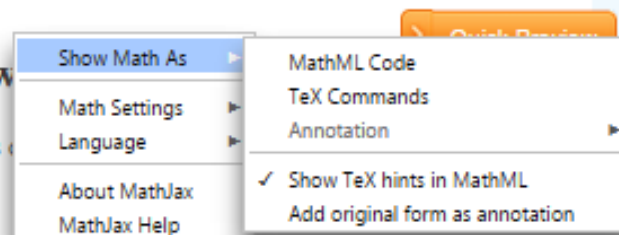
- View/copy MathML code in HTML articles
  - Right click on equation. Choose “Show Math As”
- Currently: 400,000 dynamic articles with MathJax enabled equations.
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$$\begin{aligned}\dot{\mathbf{B}} + \mathbf{B}^2 &= \dot{\mathbf{X}}\tilde{\mathbf{W}}^T = \mathbf{X}\mathbf{W}^T + \mathbf{X}_1\mathbf{W}_1^T \\ &= \frac{1}{2}[(\mathbf{F} + \mathbf{G} + \mathbf{R})\mathbf{W}^T + \mathbf{G}_1\mathbf{W}_1^T]\end{aligned}$$

The skew-symmetry constraint by transposing both members of (10) and hand-by-hand the transposed equation from (10) yields

$$2\frac{d\mathbf{B}}{dt} = \frac{1}{2}(\mathbf{F} + \mathbf{R})\mathbf{W}^T - \frac{1}{2}\mathbf{W}(\mathbf{F} + \mathbf{R})^T + \frac{1}{2}\tilde{\mathbf{G}}\tilde{\mathbf{W}}^T - \frac{1}{2}\mathbf{W}\mathbf{G} \quad (11)$$



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Eszter Lukacs; Matthias Pätzold

IEEE Transactions on Vehicular Technology

March 2016, Volume: 65, Issue: 3

Pages: 1070 - 1082, DOI: 10.1109/TVT.2015.2415256

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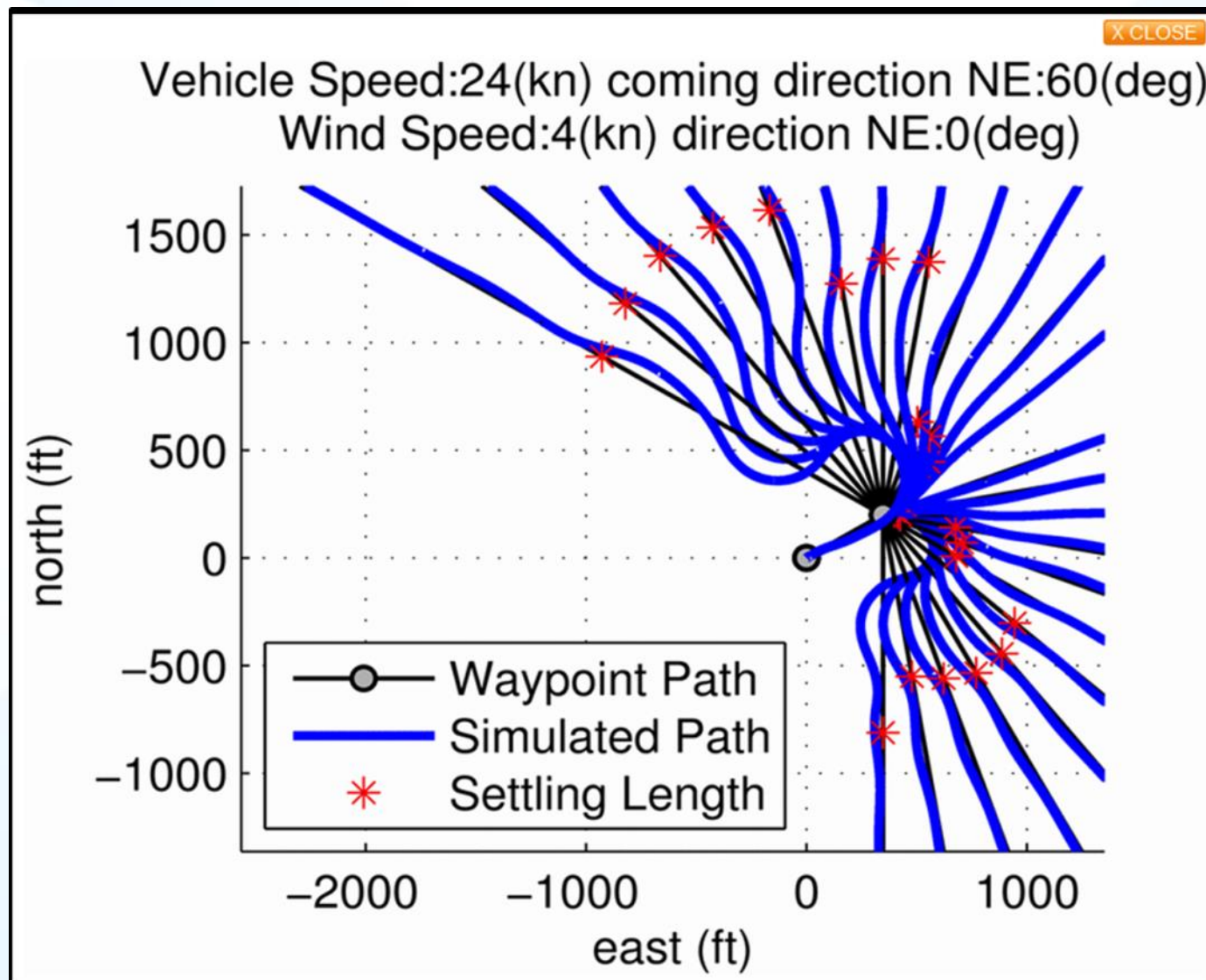
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The main content area shows the article title "Outline of a New Approach to the Analysis of Complex Systems and Decision Processes" by Zadeh, Lotfi A. The article is from the journal "Systems, Man and Cybernetics", Volume SMC-3 Issue:1. There are buttons for "Full Text as PDF" and "Full Text in HTML".

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## Standards in HTML: Table of Contents

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**SECTION 1. Overview**

**1.1 Scope**  
The scope of this standard is the specification that is based upon the mechanical/electrical interface is intended to serve government/commercial

**1. Overview**  
1.1 Scope  
1.2 Purpose  
1.3 Background  
1.4 Annexes overview

**2. Normative references**  
2.1 Conventions

**3. Definitions and special terms**  
3.1 Special terms

**4. Qualification requirements**  
4.1 Responsibility for inspection  
4.2 General requirements  
4.3 Qualification inspections  
4.5 Qualification inspection  
4.6 Method of examination and test

**5. Framework specification**  
5.1 Framework specification introduction  
5.2 Framework general specification  
5.3 Materials  
5.4 Restricted materials  
5.5 Dissimilar metals  
5.6 Workmanship  
5.7 Design and construction

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Abstract

Figures

References

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- » IEEE Std 1505-2010 (Revision of IEEE Std 1505-2008)
- » P1505.3/D11, May

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The guidelines for online monitoring of large synchronous generators are described in this guide. High-level discussions of each of the proposed monitoring methods, and recommended threshold values, whenever there is a general agreement on those values, are included in this standard. Instrumentation that is clearly understood to belong to the protection scheme of the generator (e.g., differential protection) is not covered by this guide.

Date of Publication: 11 April 2014 DOI: 10.1109/IEEESTD.2014.6797854  
E-ISBN: 978-0-7381-9019-8

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SECTION 1. Overview

1.1 Scope  
This document describes guidelines for online monitoring of large synchronous generators with ratings of 10 MVA and above. The scope includes generators with salient-pole rotors as well as generators with cylindrical rotors.

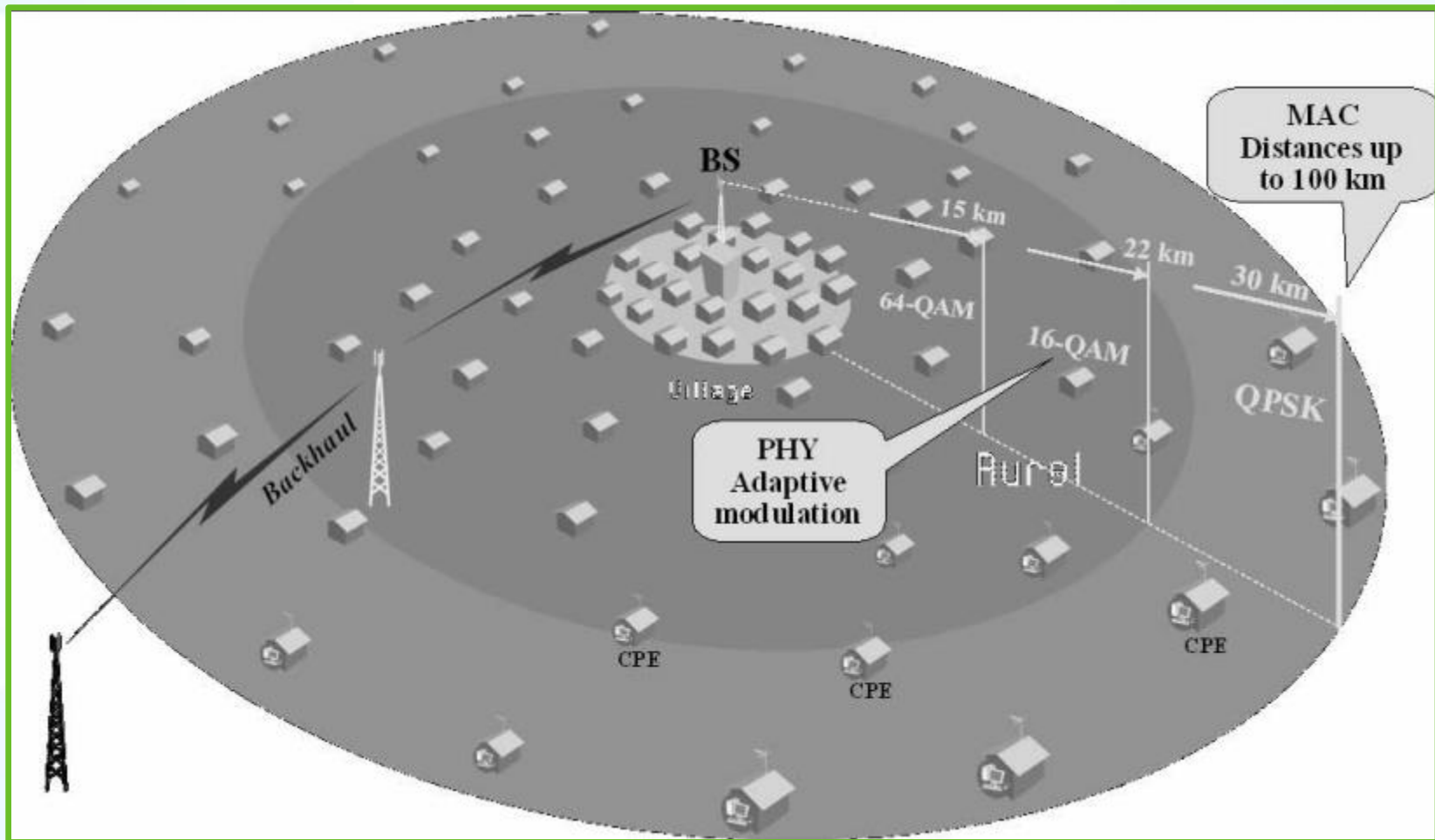
This standard also provides basic information on the various online monitoring techniques described as well as

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This document recommends best engineering practices for the installation and deployment of IEEE 802.22 systems to help assure that such systems are correctly installed and deployed.

## 1.2 Purpose

This document provides detailed technical guidance to installers, deployers, and operators of IEEE 802.22

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- IEEE Std 1528-2013 (Revision of IEEE Std 1528-2003) - Redline
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- ST 425-6:2014 - SMPTE Standard - Quad 3 Gb/s Serial Digital Interface for Stereoscopic Image Transport**
- SMPTE ST 425-6:2014
- Year: 2014
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- SMPTE ST 292-1:2012
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- Pages: 1 - 20, DOI: 10.5594/SMPTE.ST292-1.2012
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#### Standards Dictionary Terms

- rf
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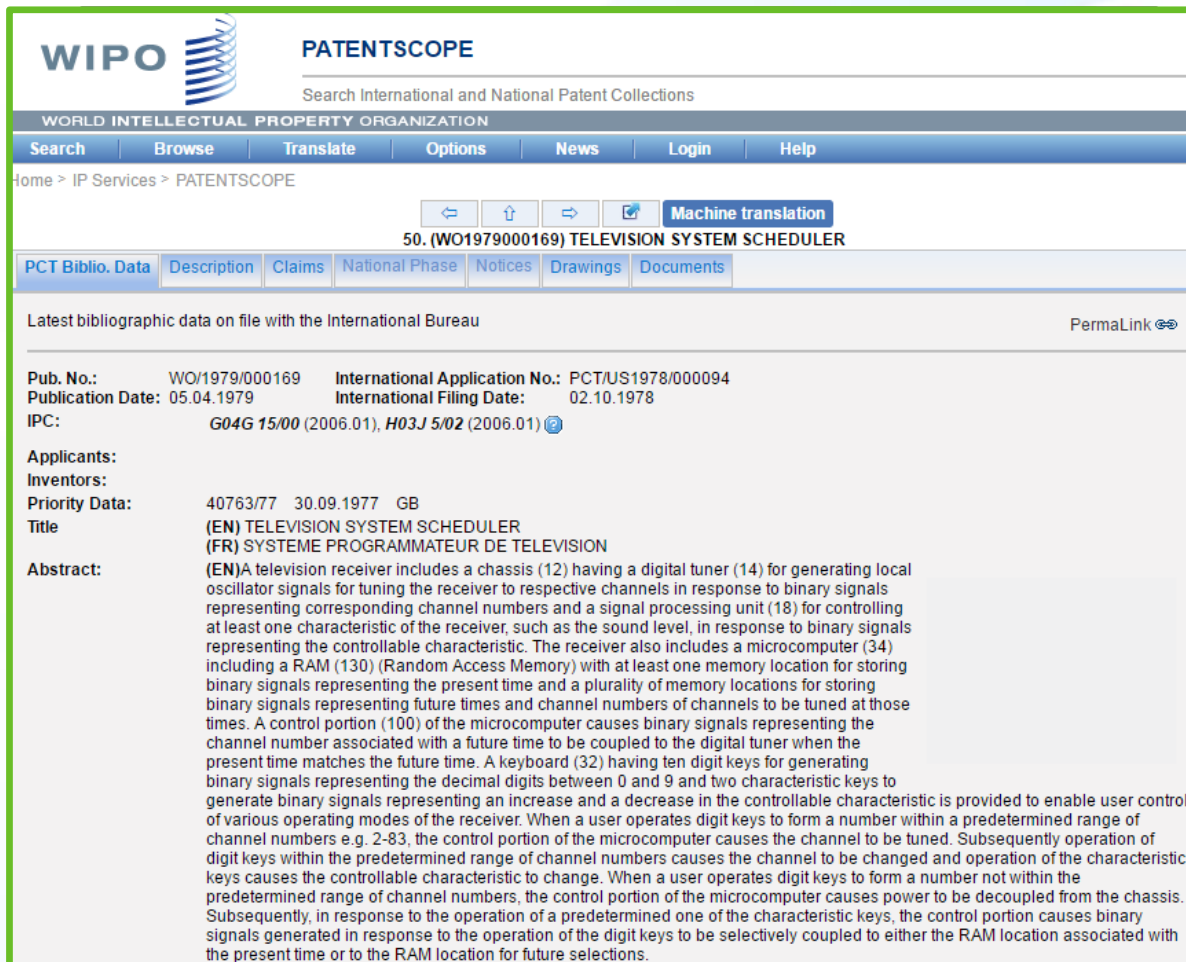
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50. (WO1979000169) TELEVISION SYSTEM SCHEDULER

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Pub. No.: WO/1979/000169 International Application No.: PCT/US1978/000094  
Publication Date: 05.04.1979 International Filing Date: 02.10.1978  
IPC: G04G 15/00 (2006.01), H03J 5/02 (2006.01)

Applicants:  
Inventors:  
Priority Data: 40763/77 30.09.1977 GB  
Title  
(EN) TELEVISION SYSTEM SCHEDULER  
(FR) SYSTEME PROGRAMMATEUR DE TELEVISION

Abstract:  
(EN) A television receiver includes a chassis (12) having a digital tuner (14) for generating local oscillator signals for tuning the receiver to respective channels in response to binary signals representing corresponding channel numbers and a signal processing unit (18) for controlling at least one characteristic of the receiver, such as the sound level, in response to binary signals representing the controllable characteristic. The receiver also includes a microcomputer (34) including a RAM (130) (Random Access Memory) with at least one memory location for storing binary signals representing the present time and a plurality of memory locations for storing binary signals representing future times and channel numbers of channels to be tuned at those times. A control portion (100) of the microcomputer causes binary signals representing the channel number associated with a future time to be coupled to the digital tuner when the present time matches the future time. A keyboard (32) having ten digit keys for generating binary signals representing the decimal digits between 0 and 9 and two characteristic keys to generate binary signals representing an increase and a decrease in the controllable characteristic is provided to enable user control of various operating modes of the receiver. When a user operates digit keys to form a number within a predetermined range of channel numbers e.g. 2-83, the control portion of the microcomputer causes the channel to be tuned. Subsequently operation of digit keys within the predetermined range of channel numbers causes the channel to be changed and operation of the characteristic keys causes the controllable characteristic to change. When a user operates digit keys to form a number not within the predetermined range of channel numbers, the control portion of the microcomputer causes power to be decoupled from the chassis. Subsequently, in response to the operation of a predetermined one of the characteristic keys, the control portion causes binary signals generated in response to the operation of the digit keys to be selectively coupled to either the RAM location associated with the present time or to the RAM location for future selections.

# Enhancing Metrics: Altmetrics

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-	-	-	-	-	-

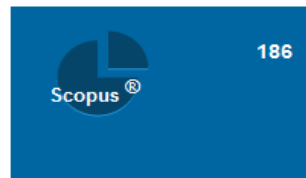
31124  
Total usage since Jun. 2014

Best Month: **January**

Year Total: **911**

\* Data is updated on a monthly basis. Usage includes PDF downloads and HTML Views.

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# Organising a conference - Region 8

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The objective of Conference Coordination Subcommittee (CoCSC) is to facilitate effective and timely conference planning and execution in the Region.

For more information – refer to the [Region 8 Governing Documents](#).

See linkage diagram (CoCSC – the wider IEEE: [R8 TA relations higher committees v1](#))

### Next Free Webinar

Wednesday December 2nd 13.30-14.30 **Review of Conference Finance**

# Free webinars for conference organisers - Region 8

## Last Free Webinar



Special Webinar for **first-time conference organizers** and conference organizers not too familiar with the aspects of co-sponsorship of IEEE we offered a free webinar in October.

**Topics were:** \* **How to start a conference** \* Timelines \* Committee lists \* Financial vs. technical co-sponsoring \* Memorandums of understanding (MoUs) \* The process of applying for co-sponsoring \* IEEE Conference Exchange (ICX) \* IEEE Xplore and how do I get my proceedings published there? \* Where can IEEE staff help me? \* What does co-sponsoring cost? \* Specifics of IEEE Region 8 \* Questions and answers



This webinar was intended to give you understanding of the basic concepts and the opportunity to ask questions which will be answered right away. It was presented by

**John Tracy**, IEEE Conference Services and **Jan Haase**, IEEE R8 Past Conference Coordinator.

The webinars are free of cost. It took place **Wednesday, October 14, 2015, 3:30pm UTC**. It

was about one hour including Q&A.



## Previous webinars:

14.10.2015 conference organization basics

15.10.2014 conference organization: finances

17.09.2014 conference organization basics

04.12.2013 conference organization: finances

06.09.2013 conference organization basics

# Авторы IEEE

(Публикация – цитирование –  
признание)

Об этом я говорить не буду 😊

Как  
всего в  
IEEE



**Андрей Соколов**  
**asakalou@ebsco.com**



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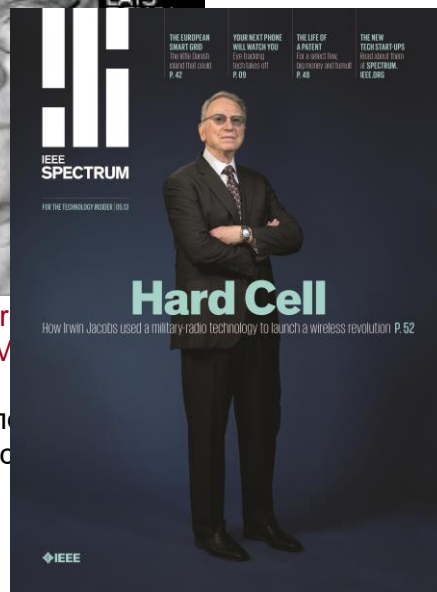
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  - Bruce Lewenstein, associate professor of communication and science and technology studies, Cornell University
  
- "Researchers publish for economic self-interest, ... it provides visibility and is evidence of productivity." (*Ученые публикуются в собственных интересах, ... это обеспечивает видимость и доказывает продуктивность.*)
  - Ed Huth, editor emeritus of the Annals of Internal Medicine and author of a book on publishing in medicine

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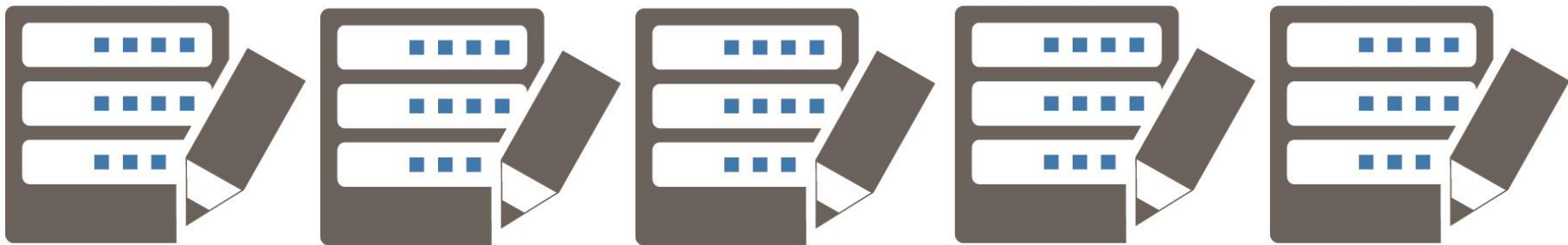


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- Журналы IEEE цитируются в 3 раза чаще в патентах, чем журналы других издательств



**ПРОТИВ**

- Большой процент статей, представленных к публикации получает отказ

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# Structure



# Paper Structure

# Elements of a manuscript

Title

Abstract

Keywords

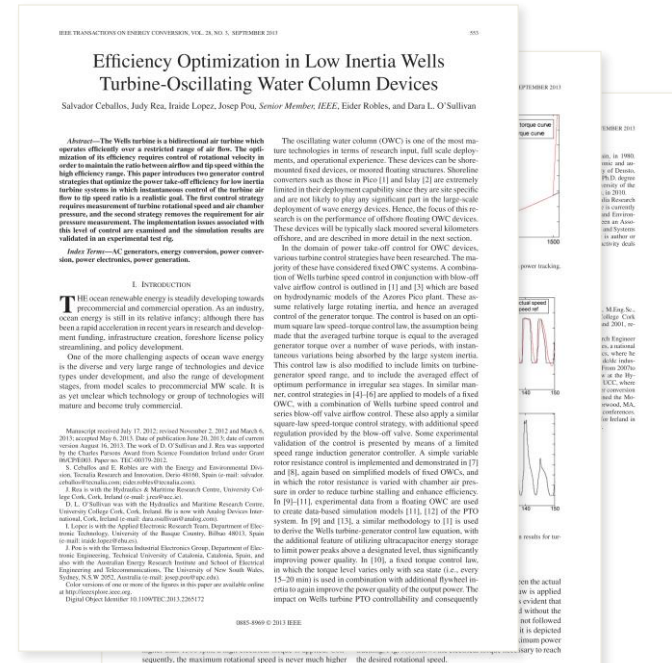
Introduction

Methodology

Results/Discussions/Findings

Conclusion

References



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# Paper Structure

## Title

An effective title should...

- Answer the reader's question: *"Is this article relevant to me?"*
- Grab the reader's attention
- Describe the content of a paper using the fewest possible words
  - Is crisp, concise
  - Uses keywords
  - Avoids jargon

Good  
Title

**VS.**

Bad  
Title

# Good vs. Bad Title

*A Human Expert-based Approach to Electrical Peak Demand Management*

**VS**

*A better approach of managing environmental and energy sustainability via a study of different methods of electric load forecasting*

# Good vs. Better Title

An Investigation into the Effects of Residential Air-Conditioning Maintenance in Reducing the Demand for Electrical Energy

**VS**

*"Role of Air-Conditioning Maintenance on Electric Power Demand"*

# Paper Structure

## Abstract

A “stand alone” condensed version of the article

- No more than 250 words; written in the past tense
- Uses keywords and index terms

**Why you did it**

**What you did**

**Why they're useful & important & move the field forward**

**How the results were useful, important & move the field forward**

## Paper Structure

# Good vs. Bad Abstract

The objective of this paper was to propose a human expert-based approach to electrical peak demand management. The proposed approach helped to allocate demand curtailments (MW) among distribution substations (DS) or feeders in an electric utility service area based on requirements of the central load dispatch center. Demand curtailment allocation was quantified taking into account demand response (DR) potential and load curtailment priority of each DS, which can be determined using DS loading level, capacity of each DS, customer types (residential/commercial) and load categories (deployable, interruptible or critical). Analytic Hierarchy Process (AHP) was used to model a complex decision-making process according to both expert inputs and objective parameters. Simulation case studies were conducted to demonstrate how the proposed approach can be implemented to perform DR using real-world data from an electric utility. Simulation results demonstrated that the proposed approach is capable of achieving realistic demand curtailment allocations among different DSs to meet the peak load reduction requirements at the utility level.

## Vs

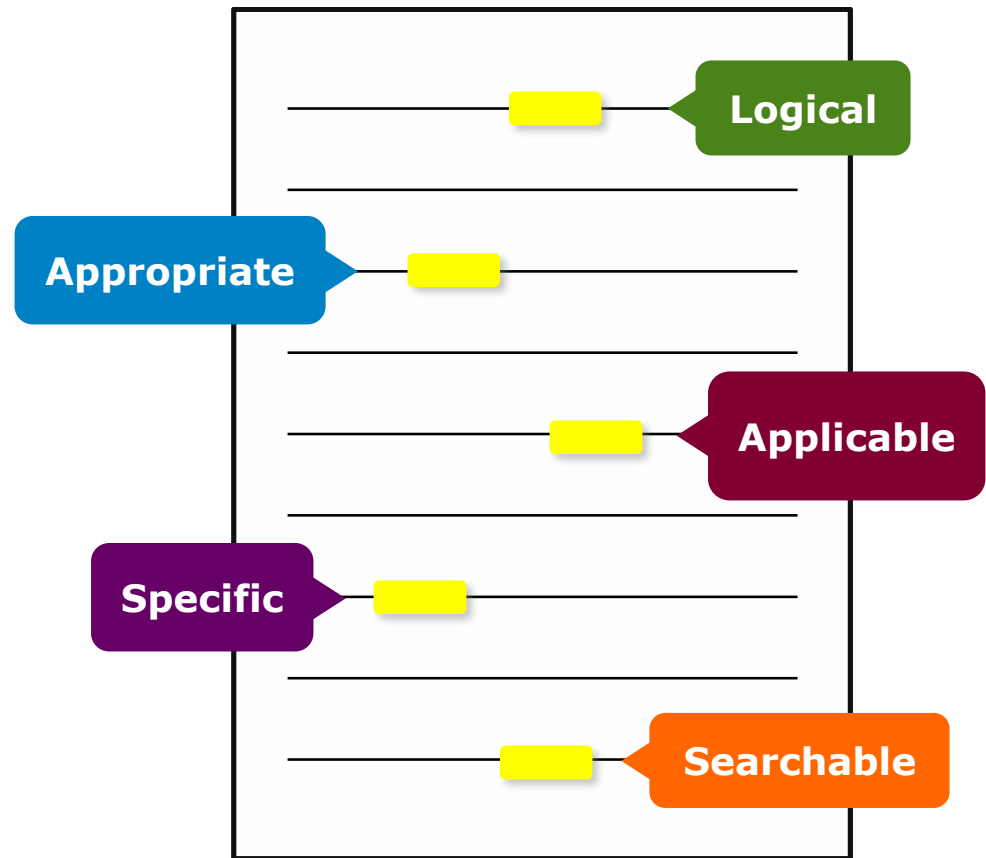
This paper presents and assesses a framework for an engineering capstone design program. **We explain** how student preparation, project selection, and instructor mentorship are the three key elements that must be addressed before the capstone experience is ready for the students. **Next, we describe** a way to administer and execute the capstone design experience including design workshops and lead engineers. **We describe the importance** in assessing the capstone design experience and report recent assessment results of our framework. **We comment** specifically on what students thought were the most important aspects of their experience in engineering capstone design and provide quantitative insight into what parts of the framework are most important.

***First person, present tense***

***No actual results, only describes the organization of the paper***

# Paper Structure Keywords

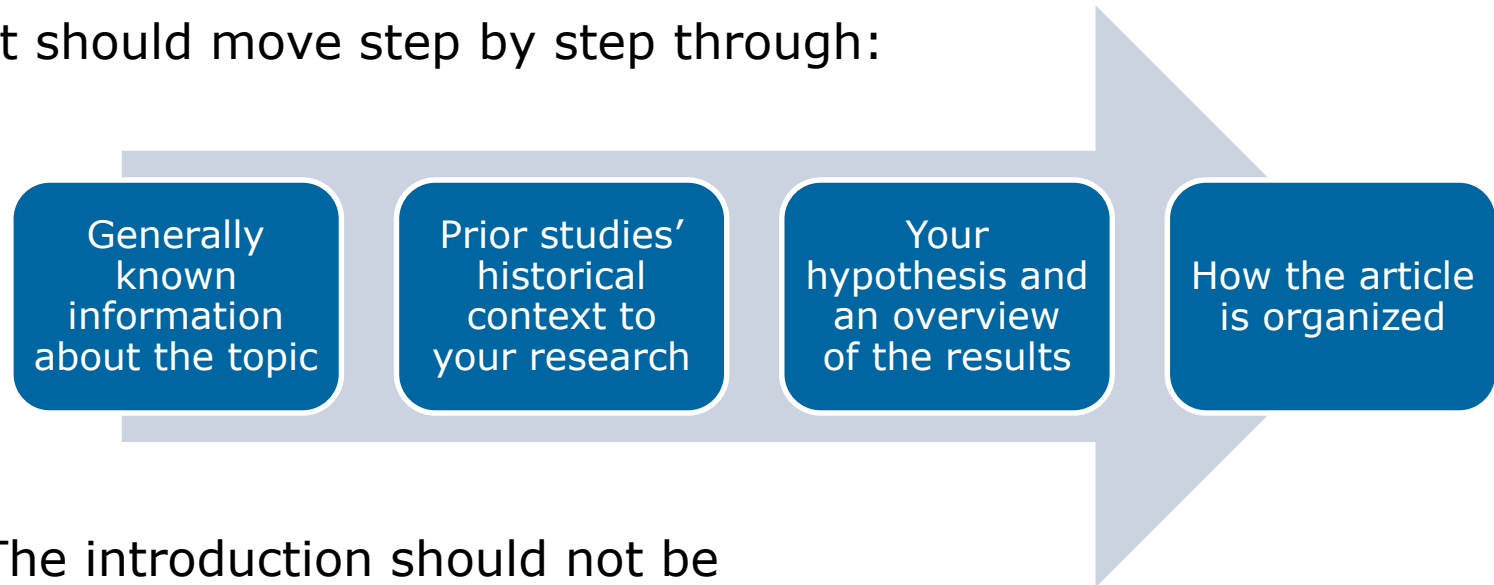
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Optimization



# Paper Structure

## Introduction

- A description of the problem you researched
- It should move step by step through:



- The introduction should not be
  - Too broad or vague
  - More than 2 pages
  - Written in the present tense



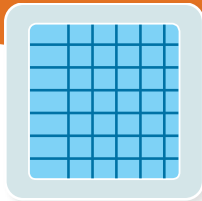
# Paper Structure

## Methodology

- Problem formulation and the processes used to solve the problem, prove or disprove the hypothesis
- Use illustrations to clarify ideas, support conclusions:

### Tables

Present representative data or when exact values are important to show



### Graphs

Show relationships between data points or trends in data



### Figures

Quickly show ideas/conclusions that would require detailed explanations



Fig. A

# Paper Structure

# Results/discussion

Demonstrate that you solved the problem or made significant advances

## Results: Summarized Data

- Should be clear and concise
- Use figures or tables with narrative to illustrate findings

## Discussion: Interprets the Results

- Why your research offers a new solution
- Acknowledge any limitations

## Discussion

## Results

the SC algorithm over the whole range of  $w$  values increase to 3–4 K, except for the TIGR<sub>1+11</sub> database, with an RMSE of 2 K. This last result is explained by the  $w$  distribution, which is biased toward low values of  $w$  in this database. When only atmospheric profiles with  $w$  values lower than  $3 \text{ g} \cdot \text{cm}^{-2}$  are selected, the SC algorithm provides RMSEs around 1.5 K, with almost equal values of bias and standard deviation, around 1 K in both cases (with a negative bias, thus the SC underestimates the LST). In contrast, when only  $w$  values higher than  $3 \text{ g} \cdot \text{cm}^{-2}$  are considered, the SC algorithm provides RMSEs higher than 5 K. In these cases, it is preferable to calculate the atmospheric functions of the SC algorithm directly from (3) rather than approximating them by a polynomial fit approach as given by (4).

### V. DISCUSSION AND CONCLUSION

The two Landsat-8 TIR bands allow the intercomparison of two LST retrieval methods based on different physical assumptions, such as the SC (only one TIR band required) algorithm (two TIR bands required). Direct inversion of the transfer equation, which can be considered as a “ground-truth” algorithm, is assumed to be a “ground-truth” algorithm because the information about the surface and  $L_d$  is accurate enough. The SC algorithm in this letter is a combination of the previous SC algorithm developed for Landsat-4 and Landsat-5 TM sensors, and the ETM+ sensor on board the Landsat-7 platform [9], and it could be used to generate consistent LST products from the historical Landsat data using a single algorithm. An advantage of the SC algorithm is that, apart from surface emissivity, only water vapor content is required as input. However, it is expected that errors on LST become unacceptable for high water vapor contents (e.g.,  $> 3 \text{ g} \cdot \text{cm}^{-2}$ ). This problem can be partly solved by computing the atmospheric functions directly from  $r$ ,  $L_d$ , and  $L_s$  values (see [5]), or also by including air temperature as input [15]. A main advantage of the SW algorithm is that it performs well over global conditions and, thus, a wide range of water vapor values; and that it only requires water vapor as input (apart from surface emissivity at the two TIR bands). However, the SW algorithm can be only applied to the new Landsat-8 TIRS data, since previous TM/ETM sensors only had one TIR band.

The LST algorithms presented in this letter were tested with simulated data sets obtained for a variety of global atmospheric conditions and surface emissivities. The results showed RMSE values of typically less than 1.5 K, although for the SC algorithm, this accuracy is only achieved for  $w$  values below  $3 \text{ g} \cdot \text{cm}^{-2}$ . Algorithm testing also showed that the SW errors are lower than the SC errors for increasing water vapor, and vice versa, as demonstrated in the simulation study presented in Sobrino and Jimenez-Munoz [18]. Although an extensive validation exercise from *in situ* measurements is required to assess the performance of the two LST algorithms, the results obtained for the simulated data, the sensitivity analysis, as well as the previous findings for the algorithms with the same mathematical structures give confidence in the algorithm accuracies estimated here.

### REFERENCES

- [1] J. R. Jonas, J. L. Dwyer, and J. A. Rana, “The next Landsat satellite,” *IEEE Geosci. Remote Sens. Lett.*, vol. 12, no. 12, pp. 2499–2502, Dec. 2015.
- [2] W. Knapik and M. Anderson, “Advances in thermal infrared remote sensing for land surface modeling,” *Agric. For. Meteorol.*, vol. 149, no. 12, pp. 2073–2081, Dec. 2010.
- [3] M.-L. Li, R.-M. Tang, H. Wu, H. Ren, G. Yan, Z. Zhu, J. F. Trippe, and J. A. Sobrino, “Satellite-derived land surface temperatures: Current status and perspectives,” *Remote Sens. Environ.*, vol. 121, pp. 14–37, Apr. 2015.
- [4] M.-L. Li, H. Wu, S. Wang, S. Qiu, J. A. Sobrino, Z. Zhu, R.-M. Tang, and G. Yan, “Land surface emissivity retrieval from satellite data,” *Int. J. Remote Sens.*, vol. 34, no. 9110, pp. 5094–5127, 2013.
- [5] A. M. Muñoz, “Three decades of Landsat instruments,” *Photogramm. Eng. Remote Sens.*, vol. 62, no. 7, pp. 629–650, Jul. 1997.
- [6] J. A. Rana, J. R. Soborn, D. B. Pulliam, D. L. Hilde, S. J. Hook, R. L. Matsum, G. Chandler, and K. M. O’Donnell, “Landsat TM and ETM+ thermal band calibration,” *Can. J. Remote Sens.*, vol. 29, no. 2, pp. 141–153, 2003.
- [7] J. C. Jiménez-Munoz, J. Cristóbal, J. A. Sobrino, G. Shua, M. Niyerwala, and X. Pons, “Revision of the single-channel algorithm for land surface temperature retrieval from Landsat thermal-infrared data,” *IEEE Trans. Geosci. Remote Sens.*, vol. 47, no. 1, pp. 250–259, Jan. 2009.
- [8] L. M. McMillin, “Estimation of sea surface temperatures from two infrared window measurements with different absorption,” *J. Geophys. Res.*, vol. 80, no. 24, pp. 5115–5117, 1975.
- [9] J. A. Sobrino, L.-L. Li, M. P. Stoll, and F. Becker, “Multi-channel and multi-angle algorithm for estimating sea and land surface temperature with ASTER data,” *Int. J. Remote Sens.*, vol. 17, no. 11, pp. 2089–2114, 1996.
- [10] J. C. Jiménez-Munoz and J. A. Sobrino, “Split-window coefficients for land surface temperature retrieval from low-resolution thermal infrared sensors,” *IEEE Geosci. Remote Sens. Lett.*, vol. 5, no. 4, pp. 505–508, Oct. 2008.
- [11] A. Beck, G. P. Anderson, R. K. Acharya, J. H. Chelvanay, L. S. Ramrao, E. F. Garcia, M. W. Matthews, and S. M. Adler-Golden, MODIS/RAW Over’s Manual. Hampton, VA, USA: Air Force Res. Lab., 1999.
- [12] A. M. Kallmeyer, S. J. Hook, C. I. Good, and G. Rivera, “The ASTER spectral library version 2.0,” *Remote Sens. Environ.*, vol. 115, no. 4, pp. 711–715, Apr. 2009.
- [13] J. Cristóbal, J. C. Jiménez-Munoz, J. A. Sobrino, M. Niyerwala, and X. Pons, “Improvements in land surface temperature retrieval from the Landsat series thermal band using water vapor and air temperature,” *J. Geophys. Res.*, vol. 114, no. D16, p. D16819, 2009.
- [14] T. F. Cole, K. M. Uppala, A. J. Simmons, P. Bechtold, F. Pohl, S. Kobayashi, U. Andreae, M. A. Kaninskas, G. Balzano, F. Rosat, R. Kneib, A. C. M. Bellas, L. van de Kamp, J. Sillot, M. Kornmann, C. Daloz, R. Gergaud, M. Farnas, A. F. Geer, L. Himmelfarb, S. E. Hertz, H. Hendrich, E. V. Miron, L. Joubert, P. Kallberg, M. Köhler, M. Montuori, A. P. McNally, E. M. Mings-Sanz, J.-F. Morcrette, R.-K. Park, C. Peubey, R. de Rosnay, C. Simola, I.-K. Thériault, and F. Vitart, “The ERA-Interim reanalysis: Configuration and performance of the data assimilation system,” *Q. J. R. Meteorol. Soc.*, vol. 137, no. 624, pp. 529–597, 2011.
- [15] C. Mätzler, C. Durillo-Alarcón, J. C. Jiménez-Munoz, and J. A. Sobrino, “Global Atmospheric Profiles from Reanalysis Information (GAPRI): A new dataset for forward simulations in the thermal infrared region,” *IEEE Trans. Geosci. Remote Sens.*, 2014, submitted for publication.
- [16] J. A. Sobrino and J. C. Jiménez-Munoz, “Land surface temperature retrieval from thermal infrared data: An assessment in the context of the surface processes and accuracy requirements required satellite (SPECTRA) mission,” *J. Geophys. Res.*, vol. 116, no. D16, p. D16103, 2011.

# Paper Structure

## Conclusion

- Explain what the research has achieved
  - As it relates to the problem stated in the Introduction
  - Revisit the key points in each section
  - Include a summary of the main findings, important conclusions and implications for the field
- Provide benefits and shortcomings of:
  - The solution presented
  - Your research and methodology
- Suggest future areas for research

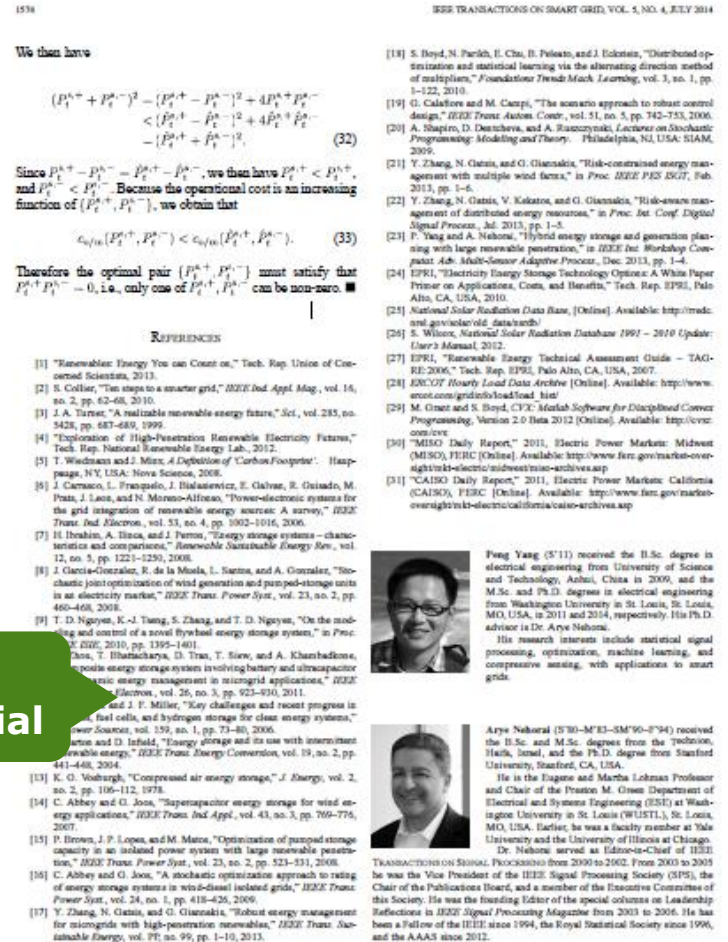


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## References

- Support and validate the hypothesis your research proves, disproves or resolves
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Peng Yang (S'11) received the B.Sc. degree in electrical engineering from University of Science and Technology, Anhui, China in 2009, and the M.Sc. and Ph.D. degrees in electrical engineering from Washington University in St. Louis, St. Louis, MO, USA, in 2011 and 2014, respectively. His Ph.D. advisor is Dr. Arya Nehorai. His research interests include statistical signal processing, optimization, machine learning, and compressive sensing, with applications to smart grids.



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- How do they fit together?
- Does each section perform its appointed task?
- Is the order logical?
- Do the ideas flow together? Is it easy to read?
- Does the same material appear more than once?
- Can it be clearer?
- Is there enough detail?

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# Ethics

# Types of misconduct

## Conflict of Interest

- A financial or other relationship with the publication at odds with the unbiased presentation of data or analysis

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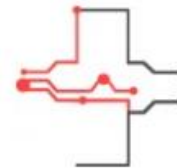
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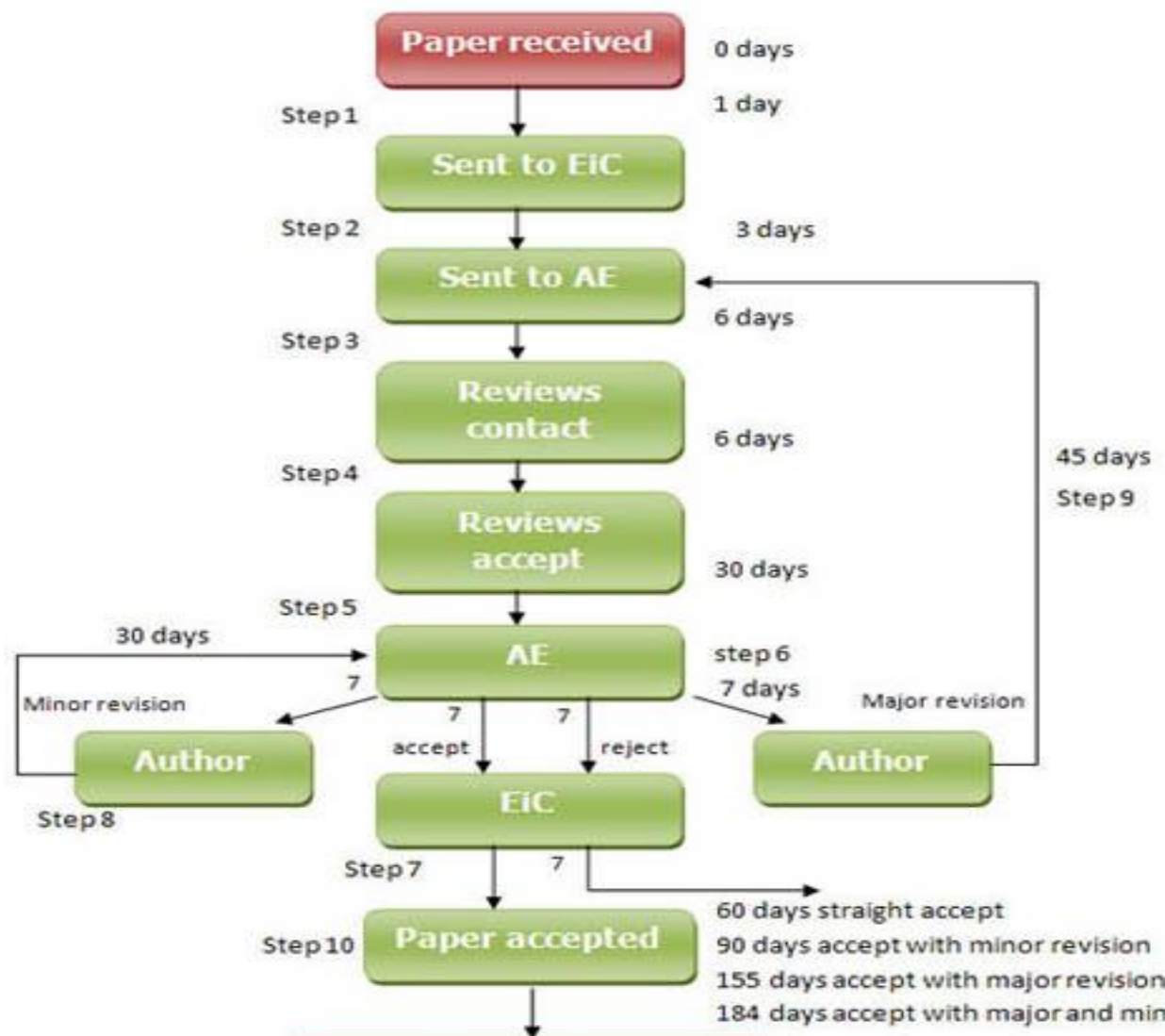
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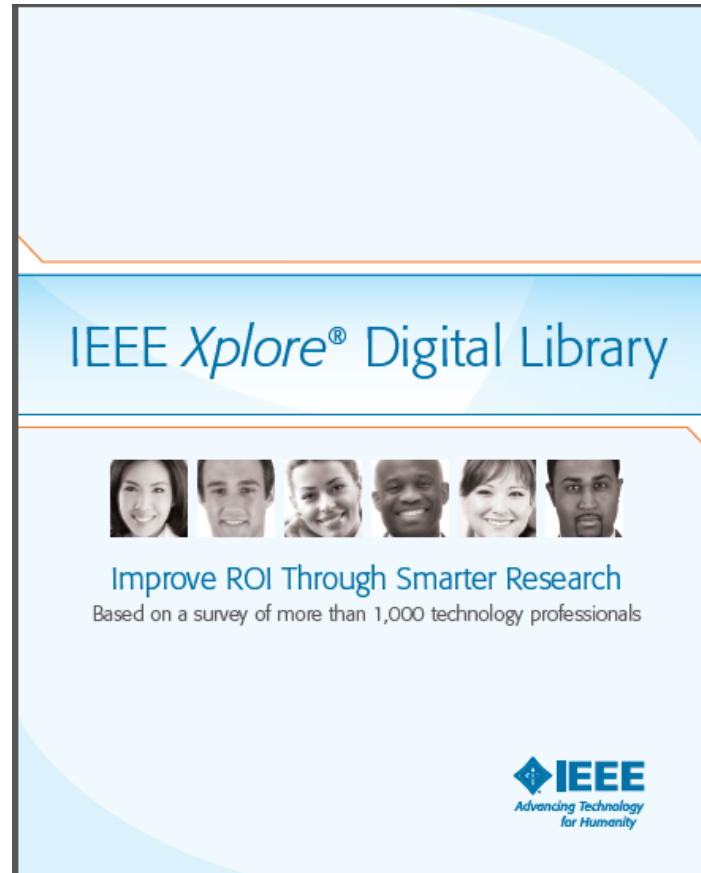
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