

How to write a basic technical paper?

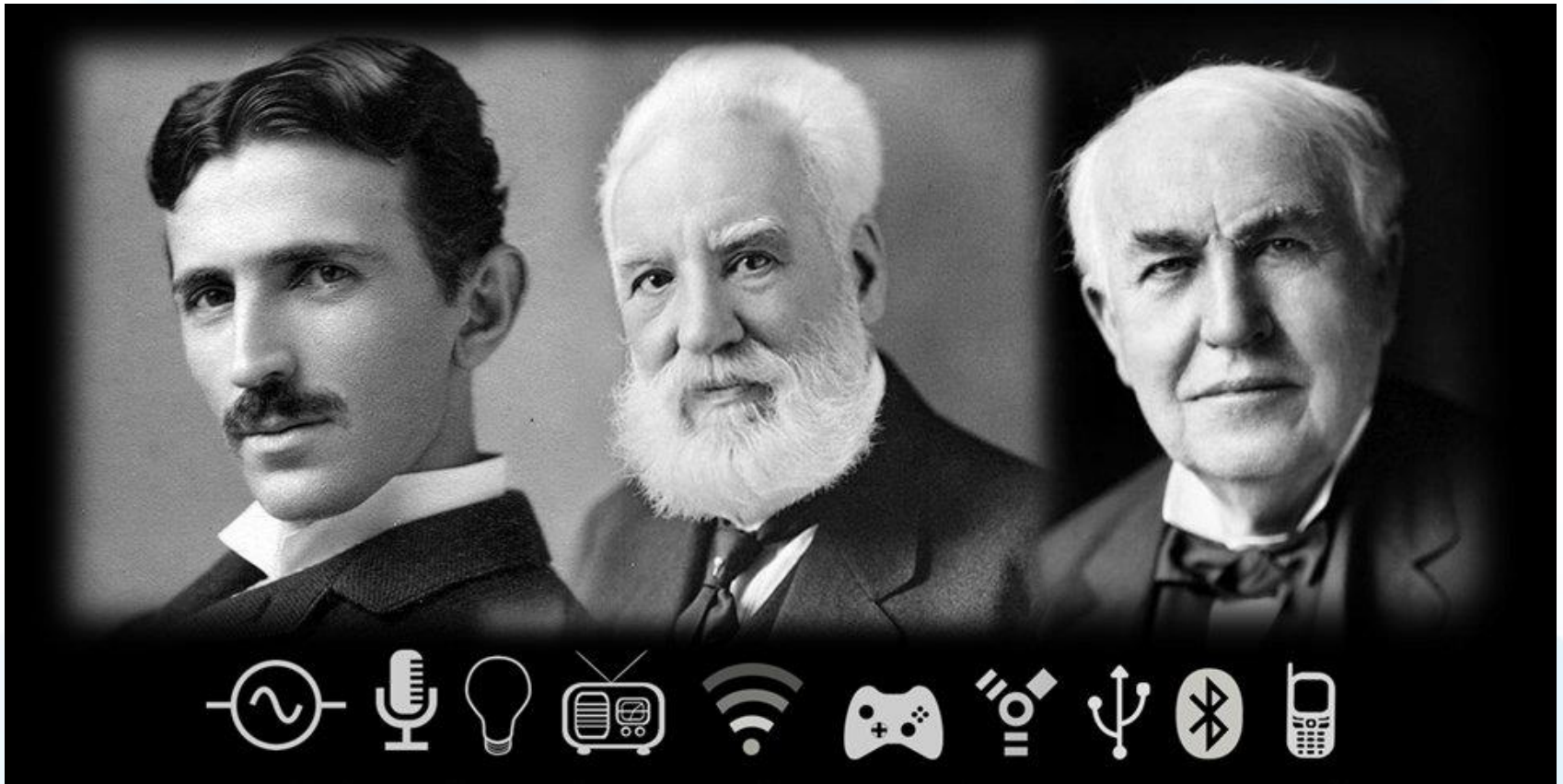
Eszter Lukács

e.lukacs@ieee.org

IEEE Xplore[®]
Digital Library

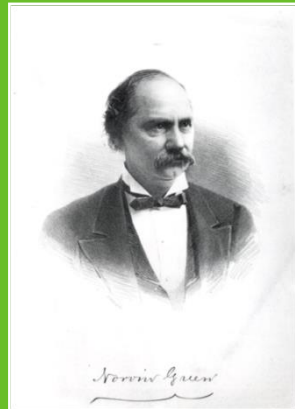
<http://ieeexplore.ieee.org/>

1884: Where we came from

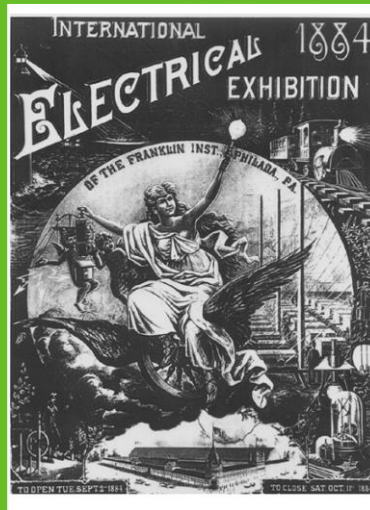


1884: The American Institute of Electrical Engineers is founded

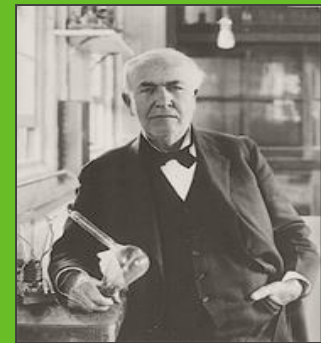
A small group of individuals met in New York and founded the AIEE to advance the new field and represent the US at the 1884 International Electrical Exhibition in Philadelphia.



Norvin Green,
President
of Western Union
Telegraph and first
president of the AIEE



Program of the 1884
International Electrical
Exhibition, Franklin
Institute, Philadelphia



Thomas Edison, one
of the founders of the
AIEE

1912: The Institute of Radio Engineers is founded

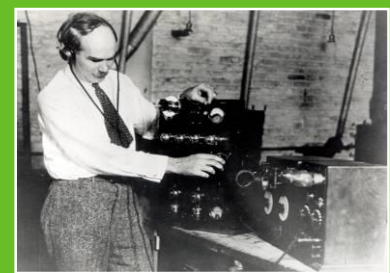
Radio, a new electrical technology, arose in the first decade of the twentieth century. With the new industry came a new society, IRE, modeled on the AIEE, but devoted to radio, and later increasingly to electronics.



1901
Guglielmo Marconi and George Kemp with equipment used in transatlantic wireless telegraphy



1912
Radio telegraph operators' communications with the sinking Titanic demonstrated the power of radio



1922
Triode vacuum tube inventor **Lee de Forest** with a radio

About the IEEE

- World's largest technical membership association with more than 430,000 members in over 160 countries
- Not for profit organization “Advancing Technology For Humanity”
- Four Core areas of activity
 - Membership organization
 - Conferences organizer
 - Standards developer
 - Publisher of journals, conferences, standards, ebooks and elearning
- IEEE *Xplore* by the numbers:
 - More than 4 million total documents
 - Over 3 million unique users
 - More than 8 million downloads per month
 - 15 year anniversary in 2015!



IEEE student volunteers in Mumbai



IEEE Day Contest Winner, Colombia

Full text access to IEEE/IET Electronic Library (IEL)

- More than four million full text documents
- 188 **IEEE journals & magazines**
- 1700+ annual **IEEE conferences** + 20 **VDE conferences**
- More than **3800 IEEE standards** (active, archived, draft redlines) + **IEEE Standard Dictionary**
- 25 **IET conferences**, 30 **IET journals & magazines**
- **Bell Labs Technical Journal** (BLTJ) back to 1922
- **Wiley ebooks**
- Backfile to 1988, select legacy data back to 1872
- Inspec index terms for all articles

<http://innovate.ieee.org/ieee-iet-electronic-library-iel/>

New IEEE Journals in 2017

All Included in an IEL 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***



New IEEE Journals in 2018

- *IEEE **Control Systems Letters*** - Launched in 2017
- *IEEE **Sensors Letters*** - Launched in 2017
- *IEEE **Solid-State Circuits Letters*** - Launched in 2018
- *IEEE **Letters of the Computer Society***
- *IEEE **Internet of Things Magazine***
- *IEEE **Transactions on Medical Robotics and Bionics***



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

More than 75 new journals added in the last ten years

IEEE quality makes an impact

Clarivate Analytics Journal Citation Reports® by Impact Factor

IEEE publishes:

22 of the top 25 journals in Electrical and Electronic Engineering

14 of the top 15 journals in Telecommunications

4 of the top 5 journals in Artificial Intelligence

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

3 of the top 5 journals in Automation & Control Systems

2 of the top 5 journals in Computer Science, Cybernetics

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

The Clarivate Analytics Journal Citation Reports presents quantifiable statistical data that provides a systematic, objective way to evaluate the world's leading journals.

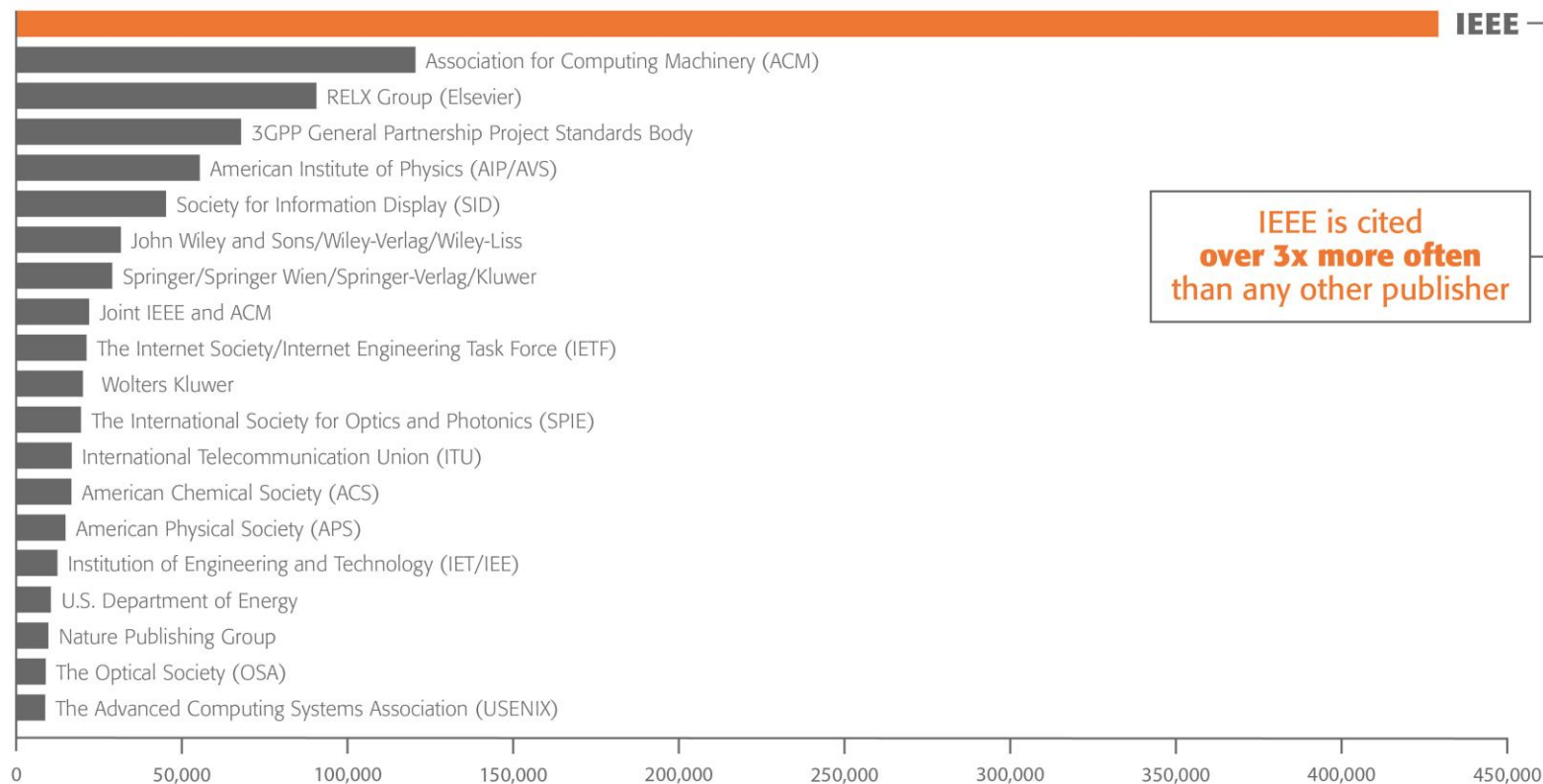
Based on the 2016 study released June 2017

More info: www.ieee.org/citations

IEEE and Patents

IEEE Leads US Patent Citations

Top 20 Publishers Referenced Most Frequently by Top 40 Patenting Organizations



IEEE is cited
over 3x more often
than any other publisher

Source: 1790 Analytics LLC 2017. Based on number of references to papers/standards/conferences from 1997-2016.

Technology areas where patents cite IEEE most

Broadcasting

Computer hardware

Computer software

Information storage

**Measuring, testing,
and control**

Medical devices

Nuclear and X-ray

Optics

Power systems

Robotics

Semiconductors

Smart Grid

Solar/Photovoltaic

Telecommunications

Wind Energy

Content on IEEE Xplore Digital Library

Full text content from all 39 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 Technology and Engineering Management Society NEW in 2015

IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society

IEEE Vehicular Technology Society

IEEE covers all areas of technology

More than just electrical engineering & computer science

MACHINE LEARNING **BIG DATA**

OPTICS RENEWABLE ENERGY

SEMICONDUCTORS **SMART GRID**

IMAGING NANOTECHNOLOGY

SIGNAL PROCESSING **AEROSPACE**

COMMUNICATIONS HUMAN-CENTERED INFORMATICS

BIOMEDICAL ENGINEERING **ELECTRONICS**

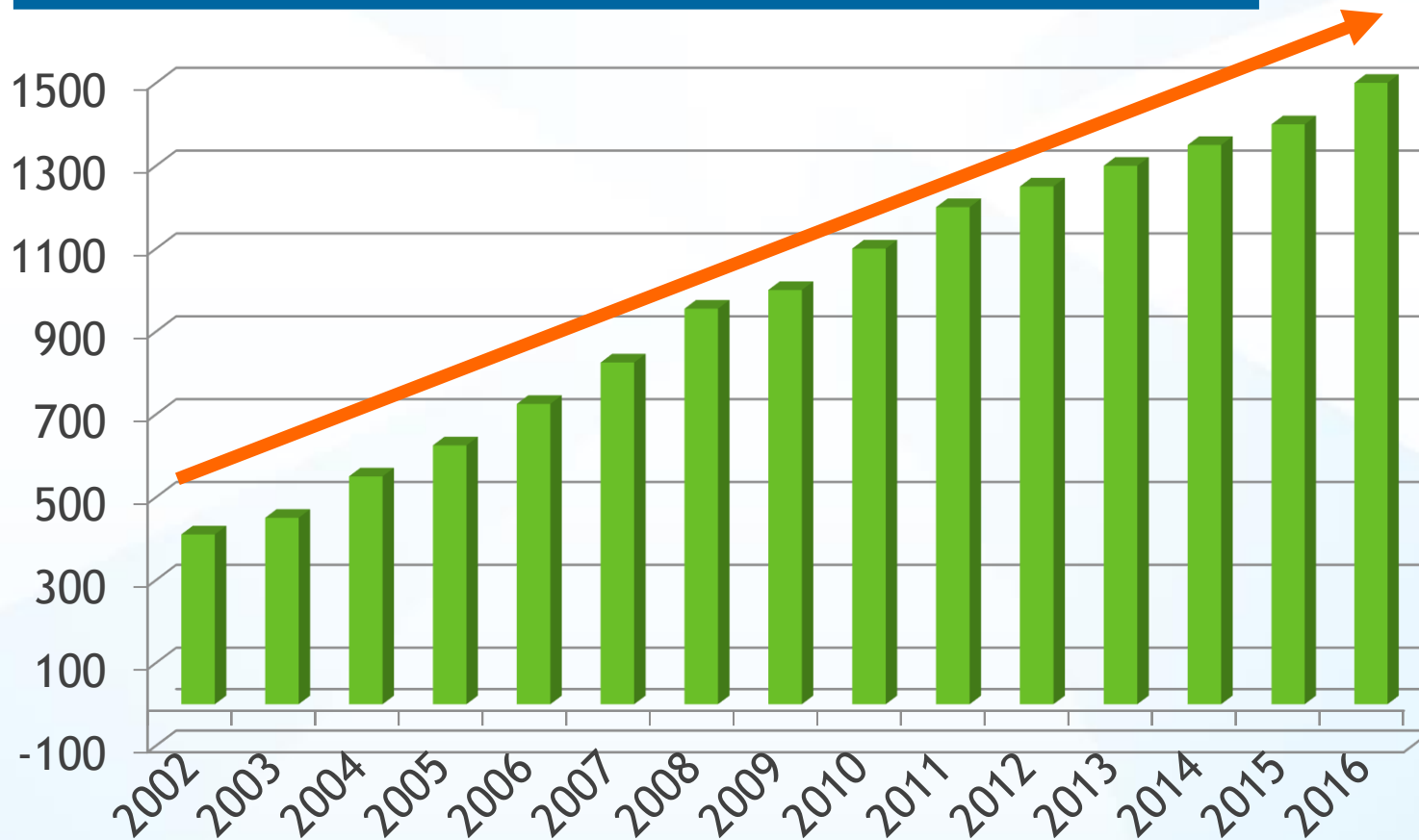
NEXT GEN WIRELESS CIRCUITS

CLOUD COMPUTING

CYBER SECURITY ELECTROMAGNETICS  **IEEE**

The IEEE conference collection continues to grow

Over 1,500 annual conferences in 2016
Over 2.5 million total papers



Popular IEEE Standards

IEEE 802 Series—IEEE Standard for Ethernet

IEEE 3000 Standards Collection™—Formerly the IEEE Color Books®, this collection will reorganize the 13 Color Books into approximately 70 “dot” standards covering specific technical topics on all facets of industrial and commercial power systems.

IEEE 81-2012™—IEEE Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

2017 National Electrical Safety Code® (NESC®)—Sets the ground rules for practical safeguarding of persons during the installation, operation, or maintenance of electric supply and communications lines and associated equipment.

IEEE 43™—IEEE Recommended Practice for Testing Insulation Resistance of Electric Machinery

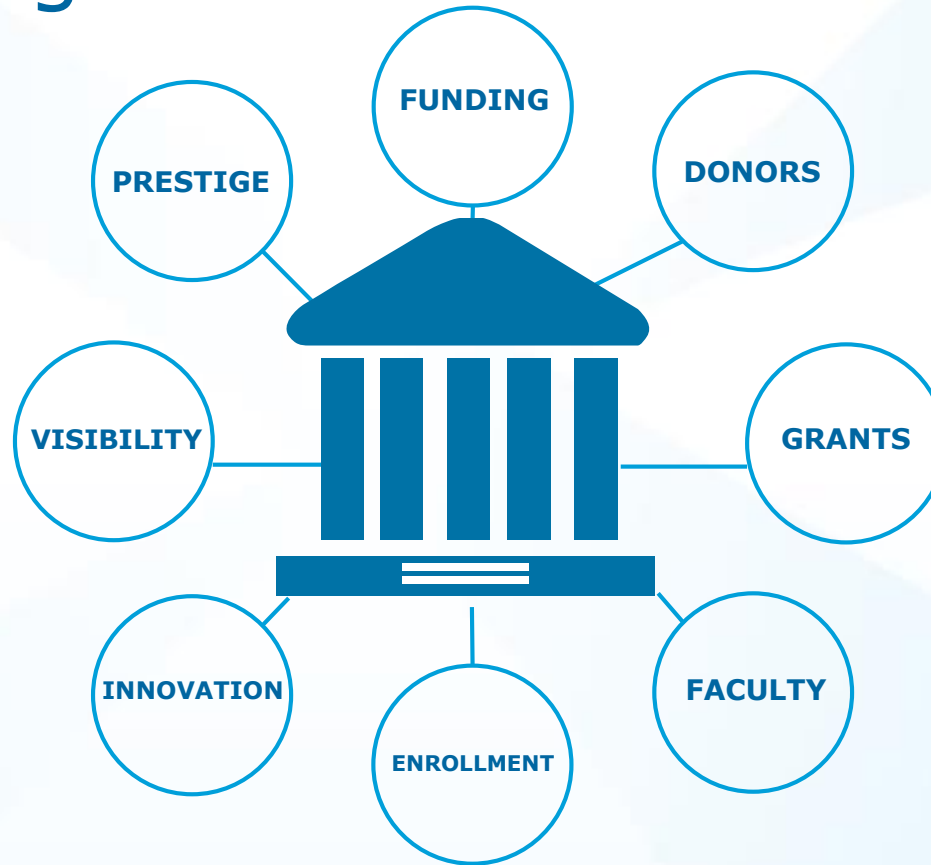
IEEE 80™—IEEE Guide for Safety in AC Substation Grounding

IEEE 81™—IEEE Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

Why Publish with the IEEE?

Increasing Scholarly Output

What sustains a university and its engineering school?



Enabling researchers to publish drives all of these essentials and helps an institution thrive

Published faculty is the key

- **Benefit to Institution:** Having a highly-published faculty has many benefits. It brings **attention & prestige to the institution** as cutting-edge research advancements are associated with the university. All of this can facilitate **continued funding and higher enrollments**.
- **Benefit to Faculty:** A sustainable, **tenured career in academia** as well as a **higher profile** in the field can be huge motivators for faculty to publish.



Publishing
creates value

for your institution

for your faculty

for your investors
and donors

for science & technology

for students

Choose the Right Publication



All Areas of Technology Covered

- Aerospace & Defense
 - Automotive Engineering
 - Biomedical Engineering
 - Biometrics
 - Circuits & Systems
 - Cloud Computing
 - Communications
 - Computer Software
 - Electronics
 - Energy
 - Engineering
 - Imaging
 - Information Technology
 - Medical Devices
 - Nanotechnology
 - Optics
 - Petroleum & Gas
 - Power Electronics
 - Power Systems
 - Robotics & Automation
 - Semiconductors
 - Smart Grid
 - Wireless Broadband
- and many more



Publish

Finding the right IEEE publication or IEEE conference

IEEE has **188 unique publications** covering a wide range of technical areas

- Review the journal listings
 - Who reads it
 - What they publish
 - What kinds of articles they want

IEEE publishes **1,700+** leading-edge **conference proceedings** every year

- Review the conference calendar
 - Find a good match for your research subject matter
 - Ensure you are available to present

What helps build an author's credibility and career?

- Being published in a highly regarded, top quality publication
- Making your work easily findable
- Be cited by your peers

How do you increase your citations?

What else increases an IEEE author's visibility?

IEEE's relationships with indexing and abstracting providers



Submission

Publish

IEEE journal or IEEE conference?

- A **journal article** is a fully developed presentation of your work and its final findings
 - Original research results presented
 - Clear conclusions are made and supported by the data
- A **conference article** can be written while research is ongoing
 - Can present preliminary results or highlight recent work
 - Gain informal feedback to use in your research
- Conference articles are typically shorter than journal articles, with less detail and fewer references

Publish

IEEE journal or IEEE conference?

IEEE Journals



- IEEE journals are cited 3 times more often in patent applications than other leading publisher's journals



- A high percentage of articles submitted to any professional publication are rejected

IEEE Conferences

- IEEE Conference proceedings are recognized worldwide as the most vital collection of consolidated published articles in EE, computer science, related fields
- Per IEEE Policy, if you do not present your article at a conference, it may be suppressed in IEEE *Xplore* and not indexed in other databases

Publication Recommender

IEEE.org | IEEE Xplore Digital Library | IEEE-SA | IEEE Spectrum | More Sites

IEEE Publication Recommender™



Find the best match for your scholarly article

Choose a search type and let Publication Recommender do the work!

- ☒ Both Periodicals and Conferences
- ☐ Periodicals only
- ☐ Conferences only

☒ Enter keywords, key phrases, or article title

Keywords you entered:
autonomous vehicles

☐ Extract keywords from your article

Enter your abstract or drag your article file
here (PDF, DOC, DOCX, TEX).

+ ADD YOUR FILE

Narrow by date:
(Optional)

I would like to publish before:



Update Recommendation

Results based on your keywords [Learn more](#)

DOWNLOAD RESULTS

EMAIL RESULTS

Result current as of: 2017-Sep-13 15:49:10Z

▼ **Periodicals:** (130 results) Sort By: **Keyword Match (relevance)** ▼

Title	Open Access Availability	Impact Factor	Submission to Publication Time in Xplore
Intelligent Vehicles, IEEE Transactions on	Open Access Available	Not yet available	20,3 Weeks
Intelligent Transportation Systems Magazine, IEEE	No Open Access	3,654	Not yet available
Vehicular Technology Magazine, IEEE	No Open Access	4,429	Not yet available
Intelligent Transportation Systems, IEEE Transactions on	No Open Access	3,724	43,1 Weeks
Transportation Electrification, IEEE Transactions on	Open Access Available	Not yet available	22,8 Weeks

Choose

Find periodicals in IEEE Xplore®

Browse by **Title** or **Topic** to find the periodical that's right for your research

Browse Journals & Magazines

By Title

By Topic

Virtual Journals

BROWSE TITLES

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

OTHER

SEARCH BY KEYWORDS

Enter keywords or a unique phrase to find titles.

automatic control

SEARCH

Automatic Control, IEEE Transactions on

[Popular](#)[Early Access](#)[Current Issue](#)[Past Issues](#)[About Journal](#)[Submit Your Manuscript](#)

About this Journal

- [Aims & Scope](#)

Editorial Board

- [IEEE Transactions on Automatic Control publication information](#)

Content Announcements

- [Innovative phased array antennas based on non-regular lattices and overlapped subarrays \[call for papers\]](#)
- [Special Issue on Manipulation, Manufacturing and Measurement on the Nanoscale](#)

2.718

Impact
Factor

0.04492

Eigenfactor

1.538

Article
Influence
Score

Aims & Scope

The theory, design and application of Control Systems. It shall encompass components, and the integration of these components, as are necessary for the construction of such systems. The word 'systems' as used herein shall be interpreted to include physical, biological, organizational and other entities and combinations thereof, which can be represented through a mathematical symbolism. The Field of Interest: shall include scientific, technical, industrial or other activities that contribute to this field, or utilize the techniques or products of this field, subject, as the art develops, to additions, subtractions, or other modifications directed or approved by the IEEE Technical Activities Board.

Persistent Link: <http://ieeexplore.ieee.org/servlet/opac?punumber=9> [More »](#)



Submit

Journal paper submission is easy through *IEEE Xplore*®

Click "Submit a Manuscript"

Browse Journals & Magazines > Power Electronics, IEEE Transa ...

Power Electronics, IEEE Transactions on

Submit Your Manuscript

IEEE Transactions on Power Electronics covers fundamental technologies used in the control and conversion of electric power.
[Aims & Scope >](#)

4.08

Impact Factor

0.0264

Eigenfactor

0.961

Article Influence Score

Log In | Create Account | [Get Help Now](#)

IEEE Transactions on Power Electronics

SCHOLARONE™ Manuscripts

Login

Log In

Welcome to the *IEEE Transactions on Power Electronics*. If you are already a registered user, please enter your User ID and Password into the boxes below. If you are not a registered user, please click on the "New User?" link to the right.

Log in here if you are already a registered user.

User ID:

Password: [Log In](#)

New User?
[Register here](#)

Resources

- [Instructions & Forms](#)
- [User Tutorials](#)
- [System Requirements](#)
- [Home Page](#)

Password Help. Enter your e-mail address to receive an e-mail with your account information.

E-Mail Address: [Go](#)

Follow the prompts to set up an account

Submit

Use conference site (not IEEE Xplore) to submit to a conference

For complete information, see the Call for Papers for the conference in question.

Each IEEE sponsored conference has its own requirements for publishing.

The screenshot shows the conference details page for the 2012 IEEE Vehicle Power and Propulsion Conference (VPPC). A red line points to the conference title, and another points to the 'Call for Papers for Conference Authors' section. A red box highlights the 'Call for Papers for Conference Authors' section, which includes a link to search for call for papers on the conference site.

Home > Conferences & Events > Conference Details

2012 IEEE Vehicle Power and Propulsion Conference (VPPC)

Sponsored by:

- Power Electronics Society - PEL
- Vehicular Technology Society - VT

Topic 1: HEV, BEV, FCEV and Plug-In EV System Design. Topic 2: Automotive Actuator and Electric Machinery Topic 3: Power Converter for Automotive Applications Topic 4: Motor Drives for Vehicle Applications Topic 5: Energy and Power Management Topic 6: Power Electronics and Power Couplers Topic 7: Smart Grid and Electrical Infrastructure Topic 8: Power Electronics and Power Couplers Topic 9: Telematics (included V2I) Topic 10: Power Electronics and Power Couplers

Call for Papers for Conference Authors

Find details for paper and abstract submission.
➤ [Search for call for papers on conference site](#)

Conference Details

Dates	09 Oct - 12 Oct 2012
Location	Seoul Olympic Parktel Seoul, Korea (South)
Web site	➤ www.vppc2012.org
Contact	Min Jung Kim Room 901, Science & Technology Building, 635-4, Yucksam-Dong, Kangnam-Ku Korea (South) Seoul 135-703 +82 70 8222 3371 +82 10 9156 3571 +82 2 3412 8723 (fax) secretariat@vppc2012.org
Conference #	20159
Attendance	450

Please see the [conference Web site](#) for full details.

Call for Papers for Conference Authors
Find details for paper and abstract submission.
➤ [Search for call for papers on conference site](#)

Conference Focus

- Application
- Science

Features

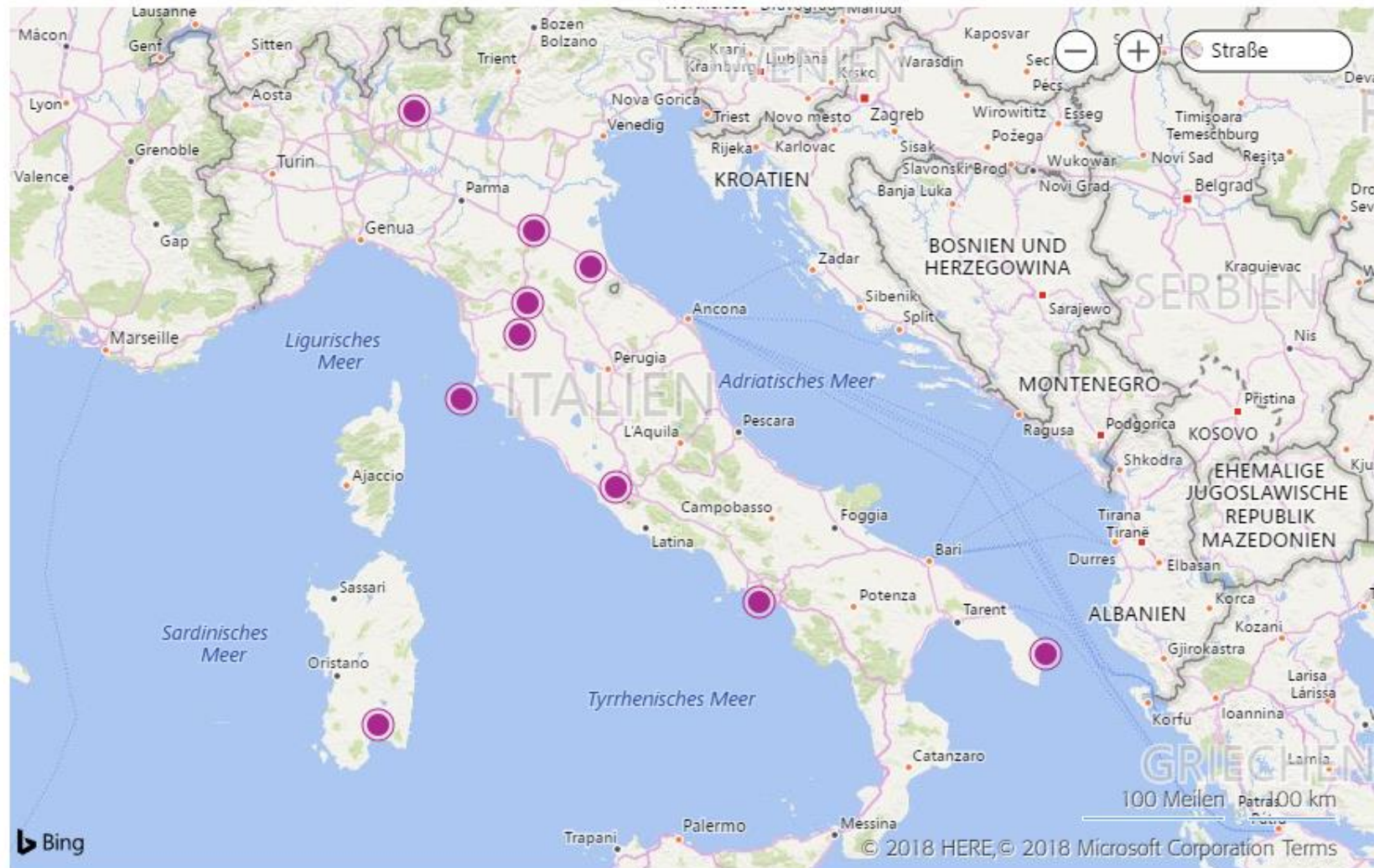
- Exhibits
- Tutorials

➤ [Back to search results](#)

Visit: https://www.ieee.org/conferences_events

Search Results on Map

Click on pin to view conference details page.



Publishing with IEEE Conferences

Each IEEE sponsored conference has its own requirements for publishing.

For complete information, see the Call for Papers for the conference in question.

To search for a specific conference, go to the main Conferences & Events page on www.ieee.org

Home > Conferences & Events > Conference Details

2012 IEEE Vehicle Power and Propulsion Conference (VPPC)

Sponsored by:

- Power Electronics Society - PEL
- Vehicular Technology Society - VT

Topic 1: HEV, BEV, FCEV and Plug-In EV System Design. Topic 2: Automotive Actuator and Electric Machinery Topic 3: Power Converter for Automotive Applications Topic 4: Motor Drives for Vehicle Applications Topic 5: Energy and Power Management Topic 6: Power Electronics for Vehicle Couplers Topic 7: Smart Grid and Electrical Infrastructure Topic 8: Power Quality and Power System Topic 9: Telematics (Included V2I) Topic 10: V2V

Conference Details

Dates	09 Oct - 12 Oct 2012
Location	Seoul Olympic Parktel Seoul, Korea (South)
Web site	www.vppc2012.org
Contact	Min Jung Kim Room 901, Science & Technology Building, 635-4, Yucksam-Dong, Kangnam-Ku Korea (South) Seoul 135-703 +82 70 8222 3371 +82 10 9156 3571 +82 2 3412 8723 (fax) secretariat@vppc2012.org
Conference #	20159
Attendance	450

Please see the [conference Web site](#) for full details.

Call for Papers for Conference Authors
Find details for paper and abstract submission.
[Search for call for papers on conference site](#)

Call for Papers for Conference Authors
Find details for paper and abstract submission.
[Search for call for papers on conference site](#)

Conference Focus

- Application
- Science

Features

- Exhibits
- Tutorials

[Back to search results](#)

Author final paper preparation and submission instructions

If your paper is accepted to an IEEE sponsored conference, you will receive final submission instructions.

For general information for authors, go to the conference sponsor's information page.

The top screenshot shows the IEEE website's 'Author Final Paper Preparation and Submission Instructions' page. It includes the IEEE logo, navigation links (Publications, Conferences, Digital Library, Build Your Career, e-Learning Campus, Certification & Training, Communities, Store), and a 'JOIN' button. The main content area is titled 'Author Final Paper Preparation and Submission Instructions' and provides details for the 2012 19th Asia-Pacific Software Engineering Conference (APSEC 2012) held from 4-7 December 2012 in Hong Kong, China. It lists Lisa O'Conner as the CPS Production Editor and provides contact information: E-MAIL: loconner@computer.org, PHONE: +1 714 821 8380 Ext. 2104, FAX: +1 714 761 1784. It also includes links for 'STEP 1: Paper Specifications', 'STEP 2: Important Deadlines', and 'STEP 3: Important Information about Deadlines and Dates'.

The bottom screenshot shows the IEEE website's 'Information for Authors' page. It includes the IEEE logo, navigation links (Publications, Conferences, Digital Library, Jobs Board, e-Learning Campus, Certification & Training, Communities, Store), and a 'JOIN' button. The main content area is titled 'Information for Authors' and provides a list of links for authors: Paper Page Limits & Types, Preparing Your Paper, Electronic Papers, PDF eXpress - Online File Conversion/PDF Validation Tool, Final Paper PDF File Submission, IEEE Copyright Policy, Submitting a Signed Copyright Release Form, Important Deadlines, Ordering Reprints, and Presenting Your Paper. A sidebar on the left contains links for CPS Home, Benefits and Services, Sponsorship Criteria, Media Types, Information for Authors, and CPS FAQ.

Audience

Scientific research publishing

- Who writes scientific papers?
 - Engineers, scientists, educators and researchers from:
 - Corporations
 - Academia
 - Government
 - Students typically write and present conference papers before submitting journal articles



Audience

Basic Questions

1. Are you writing this paper for the sake of writing a paper?
2. Or do you want to show how others can benefit from your work?

Duplicate Publication

- IEEE's policy on duplicate publication states
 - *"authors should only submit original work that has neither appeared elsewhere for publication, nor which is under review for another refereed publication. If authors have used their own previously published work(s) as a basis for a new submission, they are required to cite the previous work(s) and very briefly indicate how the new submission offers substantively novel contributions beyond those of the previously published work(s)."*

Structure

Paper Structure

Elements of a manuscript

Title

Abstract

Keywords

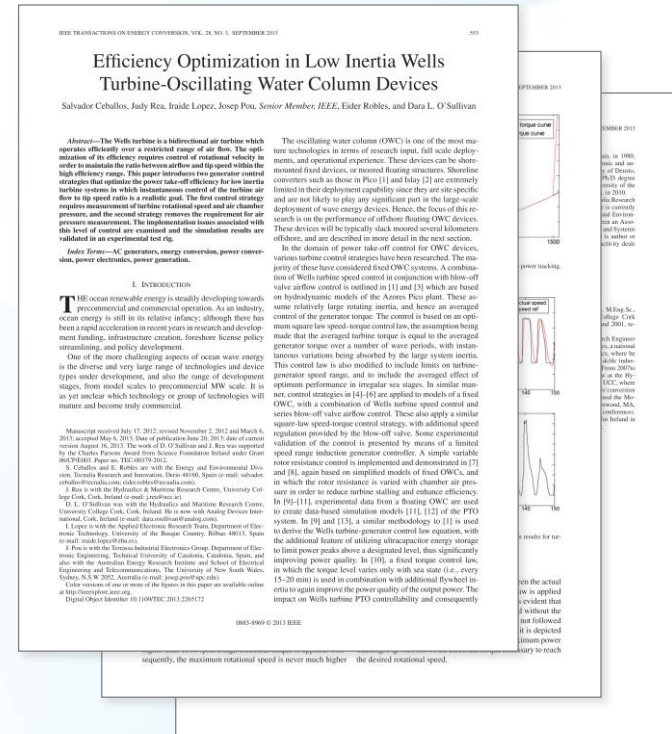
Introduction

Methodology

Results/Discussions/Findings

Conclusion

References



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

Paper Structure

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

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

What you did

Why you did

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

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

Abstract:

http://eds.ieee.org/images/files/Publications/ted_info_for_authors.pdf

The abstract must be a **concise yet comprehensive reflection of what is in your article**. In particular, the abstract must be as follows.

- 1) Self-contained, without abbreviations, footnotes, or references; it should be a **microcosm of the full article**
- 2) Between **150-250 words**. Be sure that you adhere to these limits; otherwise, you will need to edit your abstract accordingly.
- 3) Written as **one paragraph**, and should **not contain** displayed **mathematical equations or tabular material**.
- 4) Should include **three or four different keywords or phrases**, as this will help readers to find it. It is important to avoid over-repetition of such phrases as this can result in a page being rejected by search engines.
- 5) Ensure that your abstract **reads well and is grammatically correct**.

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

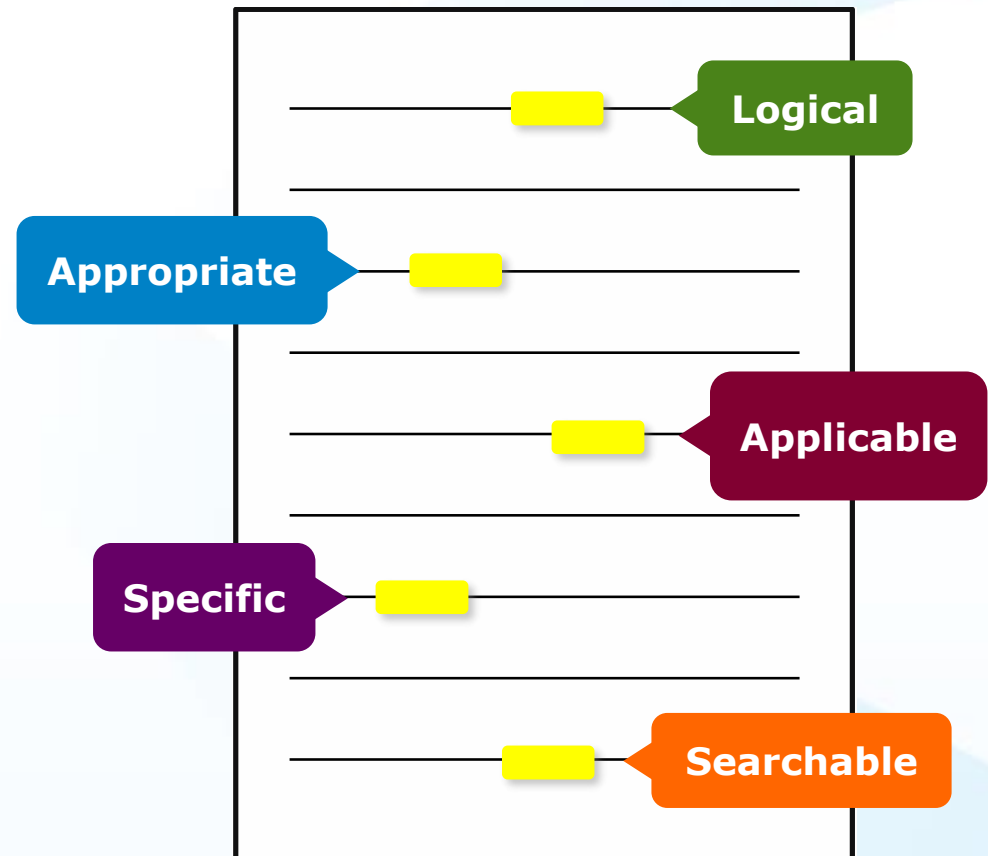
This paper presents and assesses a framework for an engineering capstone design program. **We explain** how student preparation, project selection, and instructor mentorship are the three key elements that must be addressed before the capstone experience is ready for the students. **Next, we describe** 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

Use in the Title and
Abstract for enhanced
Search Engine Optimization



IEEE Keywords

Bit rate, Decoding, Encoding,
Parallel processing, Video
coding

Authors Keywords

High Efficiency Video Coding
(HEVC), parallel programming,
video coding

INSPEC: Controlled Indexing

parallel processing, video coding

INSPEC: Non-Controlled Indexing

12-core system, H.264-advanced video coding, HEVC parallelization approaches, OWF, WPP, frequency 3.33 GHz, high efficiency video coding, overlapped wavefront, parallel efficiency, parallel friendliness, parallel scalability, parallelization proposals, tiles, wavefront parallel processing

Keywords link to potential reviewers

Keywords should be taken from the [taxonomy](#) provided in ScholarOne Manuscripts. Using the keywords from the keyword list is essential to the review process because ScholarOne Manuscripts links them to names of potential reviewers who are associated with that area of expertise, thereby expediting the review process. We encourage all users to include keywords as part of their account information. If you currently do not have keywords included as part of your account information, you may add them by clicking the "edit your information" button on the main menu. Scroll down the page until you reach the "keywords" box. You may then select the keywords that apply to you from the list provided.

<https://www.computer.org/web/peer-review/journals#Length of Review Process>

Paper Structure

Introduction

- A description of the problem you researched
- It should move step by step through, should be written in present tense:

Generally known
information
about the topic

Prior studies'
historical
context to your
research

Your hypothesis
and an overview
of the results

How the article
is organized

- The introduction should **not be**
 - Too broad or vague
 - More than 2 pages

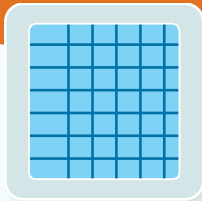
Paper Structure

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



Figures

Quickly show ideas/conclusions that
would require detailed explanations



Graphs

Show relationships
between data points
or trends in data



View Figures

[Abstract](#)[All](#)[Figures](#)[References](#)[Citations](#)[Keywords](#)[Metrics](#)[Media](#)

Fig.1.

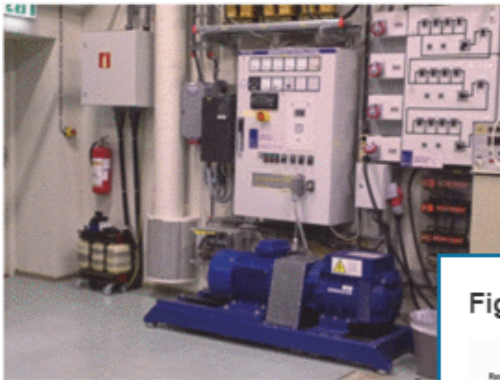


Fig. 2.

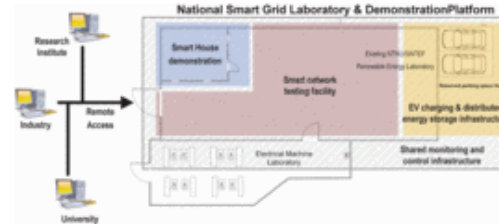
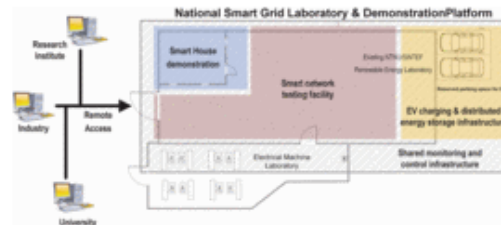


Fig. 3.



Fig. 2.



» View in Context

» View Full Size Image



[View All](#)

Equations: Copy Source Code

The Test Case Prioritization Problem.

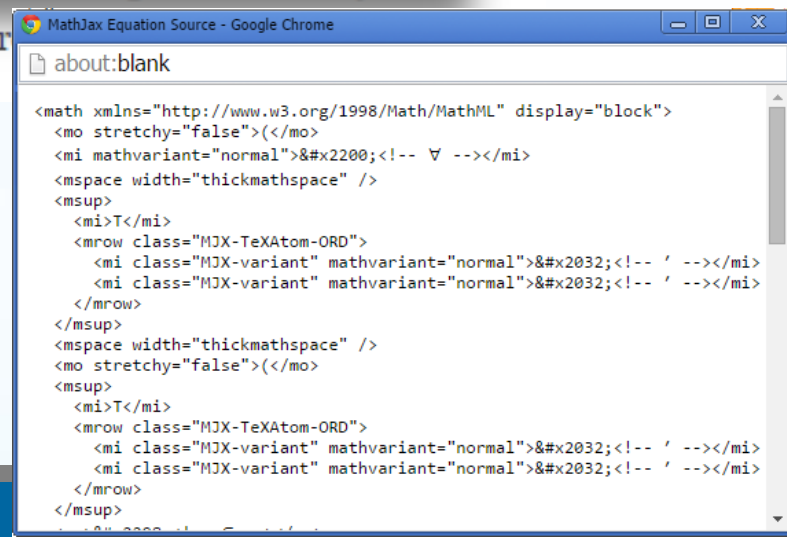
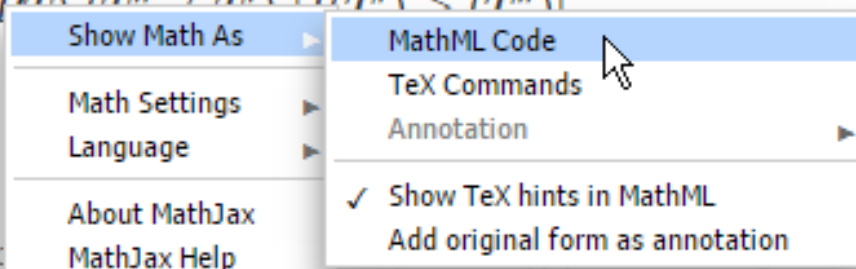
Given: T , a test suite; PT , the set of permutations of T ; f , a function from PT to the real numbers.

Problem: Find $T' \in PT$ such that

$$(\forall T'' (T'' \in PT) (f(T') \geq f(T'')))$$

► View Source ?

Here, PT represents the set of all permutations of T . The function f is a function that, applied to any such ordering, yields an award.



Equations: Zoom Function

The Test Case Prioritization Problem.

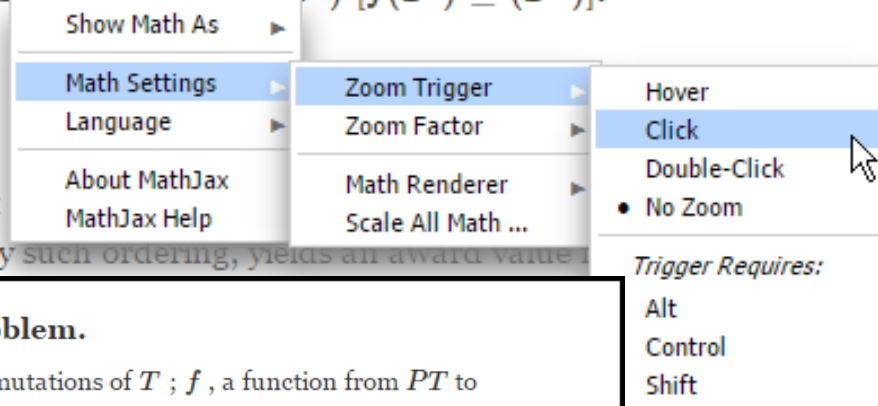
Given: T , a test suite; PT , the set of permutations of T ; f , a function from PT to the real numbers.

Problem: Find $T' \in PT$ such that

$$(\forall T'' (T'' \in PT) (T'' \neq T') [f(T') \geq (T'')]).$$

► View Source ?

Here, PT represents the set of all possible prioritizations (orderings) of T and f is a function that, applied to any such ordering, yields an award value for that ordering.



The Test Case Prioritization Problem.

Given: T , a test suite; PT , the set of permutations of T ; f , a function from PT to the real numbers.

Problem: Find $T' \in PT$ such that

$$(\forall T'' (T'' \in PT) (T'' \neq T') [f(T') \geq (T'')]).$$

► View Source ?

Here, PT represents the set of all possible prioritizations (orderings) of T and f is a function that, applied to any such ordering, yields an award value for that ordering.

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



Paper Structure

References

- Support and validate the hypothesis your research proves, disproves or resolves
- There is no limit to the number of references
 - But use only those that directly support your work
- Ensure proper author attribution
 - Author name, *article title*, publication name, publisher, year published, volume, chapter and page number
 - IEEE journals generally follow a citation numbering system

Properly
cited material

1538

IEEE TRANSACTIONS ON SMART GRID, VOL. 5, NO. 4, JULY 2014

We then have

$$\begin{aligned} (P_t^{k+} + P_t^{k-})^2 &= (P_t^{k+} - P_t^{k-})^2 + 4P_t^{k+}P_t^{k-} \\ &< (\hat{P}_t^{k+} - \hat{P}_t^{k-})^2 + 4\hat{P}_t^{k+}\hat{P}_t^{k-} \\ &= (\hat{P}_t^{k+} + \hat{P}_t^{k-})^2 \end{aligned} \quad (32)$$

Since $P_t^{k+} - P_t^{k-} = \hat{P}_t^{k+} - \hat{P}_t^{k-}$, we then have $P_t^{k+} < \hat{P}_t^{k+}$ and $P_t^{k-} < \hat{P}_t^{k-}$. Because the operational cost is an increasing function of $\{P_t^{k+}, P_t^{k-}\}$, we obtain that

$$c_{0/10}(P_t^{k+}, P_t^{k-}) < c_{0/10}(\hat{P}_t^{k+}, \hat{P}_t^{k-}). \quad (33)$$

Therefore the optimal pair $\{P_t^{k+}, P_t^{k-}\}$ must satisfy that $P_t^{k+}P_t^{k-} = 0$, i.e., only one of P_t^{k+}, P_t^{k-} can be non-zero. ■

REFERENCES

- [1] "Renewable Energy You Can Count on," Tech. Rep. Union of Concerned Scientists, 2013.
- [2] S. Collier, "Ten steps to a smarter grid," *IEEE Ind. Appl. Mag.*, vol. 16, no. 2, pp. 42–48, 2010.
- [3] J. A. Turner, "A realistic renewable energy future," *Sci.*, vol. 283, no. 5428, pp. 687–689, 1999.
- [4] "Exploration of High-Penetration Renewable Electricity Futures," Tech. Rep. National Renewable Energy Lab., 2012.
- [5] T. Wiedmann and J. Minx, "A Definition of 'Carbon Footprint'," Harpenden, UK: Nova Science, 2008.
- [6] J. Carrasco, L. Franquelo, J. Dolasiewicz, E. Galver, R. Gaitand, M. Prats, J. Lian, and N. Moreno-Alfaro, "Power-electronic systems for the grid integration of renewable energy sources: A survey," *IEEE Trans. Ind. Electron.*, vol. 53, no. 4, pp. 1002–1016, 2006.
- [7] H. Ibrahim, A. Dilek, and J. Perrin, "Energy storage systems – characteristics and comparison," *Renewable Sustainable Energy Rev.*, vol. 12, no. 3, pp. 1221–1250, 2008.
- [8] J. Garcia-Gonzalez, R. de la Muela, L. Sanja, and A. Gonzalez, "Stochastic joint optimization of wind generation and pumped-storage units in an electricity market," *IEEE Trans. Power Syst.*, vol. 23, no. 2, pp. 460–468, 2008.
- [9] T. D. Nguyen, K.-J. Tang, S. Zhang, and T. D. Nguyen, "On the modeling and control of a novel flywheel energy storage system," in *Proc. IEEE IEES*, 2010, pp. 1395–1401.
- [10] Z. Chen, T. Hattakchury, D. Tran, T. Siew, and A. Khamadkone, "Composite energy storage systems involving battery and ultracapacitor for dynamic energy management in microgrid applications," *IEEE Trans. Electron.*, vol. 26, no. 3, pp. 923–930, 2011.
- [11] J. P. Miller, "Key challenges and recent progress in fuel cells, fuel cells, and hydrogen storage for clean energy systems," *Power Sources*, vol. 159, no. 1, pp. 73–80, 2006.
- [12] K. G. Vohra, "Compressed air energy storage," *J. Energy*, vol. 2, no. 2, pp. 106–112, 1978.
- [13] C. Abbey and G. Joos, "Supercapacitor energy storage for wind energy applications," *IEEE Trans. Ind. Appl.*, vol. 43, no. 3, pp. 769–776, 2007.
- [14] P. Brown, J. P. Lopes, and M. Mota, "Optimization of pumped storage capacity in an isolated power system with large renewable penetration," *IEEE Trans. Power Syst.*, vol. 23, no. 2, pp. 523–531, 2008.
- [15] C. Abbey and G. Joos, "A stochastic optimization approach to rating of energy storage systems in wind-diesel isolated grids," *IEEE Trans. Power Syst.*, vol. 24, no. 1, pp. 418–426, 2009.
- [16] Y. Zhang, N. Gatsis, and G. Giannakis, "Robust energy management for microgrids with high-penetration renewables," *IEEE Trans. Sustainable Energy*, vol. 1, no. 99, pp. 1–10, 2013.

- [17] S. Boyd, N. Parikh, E. Chu, B. Peleato, and J. Eckstein, "Distributed optimization and statistical learning via the alternating direction method of multipliers," *Foundations Trends Mach. Learning*, vol. 3, no. 1, pp. 1–122, 2010.
- [18] G. Calafiori and M. Campi, "The scenario approach to robust control design," *IEEE Trans. Autom. Contr.*, vol. 51, no. 5, pp. 742–753, 2006.
- [19] A. Shapiro, D. Dentcheva, and A. Ruszczyński, *Lectures on Stochastic Programming: Modeling and Theory*. Philadelphia, NJ, USA: SIAM, 2009.
- [20] Y. Zhang, N. Gatsis, and G. Giannakis, "Risk-constrained energy management with multiple wind farms," in *Proc. IEEE PES SmartGrid*, Feb. 2013, pp. 1–6.
- [21] Y. Zhang, N. Gatsis, V. Kekatos, and G. Giannakis, "Risk-aware management of distributed energy resources," in *Proc. Int. Conf. Digital Signal Process.*, Jul. 2013, pp. 1–5.
- [22] P. Yang and A. Nehorai, "Hybrid energy storage and generation planning with large renewable penetration," in *IEEE Int. Workshop Comput. Ass. Multi-Sensor Adaptive Process.*, Dec. 2013, pp. 1–4.
- [23] EPRI, "Electricity Storage Technology Options: A White Paper Primer on Applications, Costs, and Benefits," Tech. Rep. EPRI, Palo Alto, CA, USA, 2010.
- [24] National Solar Radiation Data Base, [Online]. Available: <http://nrel.gov/nsrdb/>
- [25] S. Wilson, *National Solar Radiation Database 1991–2010 Update: User's Manual*, 2012.
- [26] EPRI, "Renewable Energy Technical Assessment Guide – TAG-RE-2006," Tech. Rep. EPRI, Palo Alto, CA, USA, 2007.
- [27] *ERCOT Hourly Load Data Archive* [Online]. Available: http://www.ercot.com/gridinfo/loadload_hist
- [28] M. Grant and S. Boyd, *CVX: Matlab Software for Disciplined Convex Programming*, Version 2.0 Beta 2012 [Online]. Available: <http://cvxr.com/cvx>
- [29] "MISO Daily Report," 2011, Electric Power Markets: Midwest (MISO), FERC [Online]. Available: <http://www.ferc.gov/markets-overnight/midwest/midwest-archives.asp>
- [30] "CAISO Daily Report," 2011, Electric Power Markets: California (CAISO), FERC [Online]. Available: <http://www.ferc.gov/markets-overnight/midwest/midwest-archives.asp>



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.



Arya Nehorai (S'80–M'83–SM'90–F'94) received the B.Sc. and M.Sc. degrees from the Technion, Haifa, Israel, and the Ph.D. degree from Stanford University, Stanford, CA, USA.

He is the Eugene and Martha Lohman Professor and Chair of the Preston M. Green Department of Electrical and Systems Engineering (ESE) at Washington University in St. Louis (WUSTL), St. Louis, MO, USA. Earlier, he was a faculty member at Yale University and the University of Illinois at Chicago.

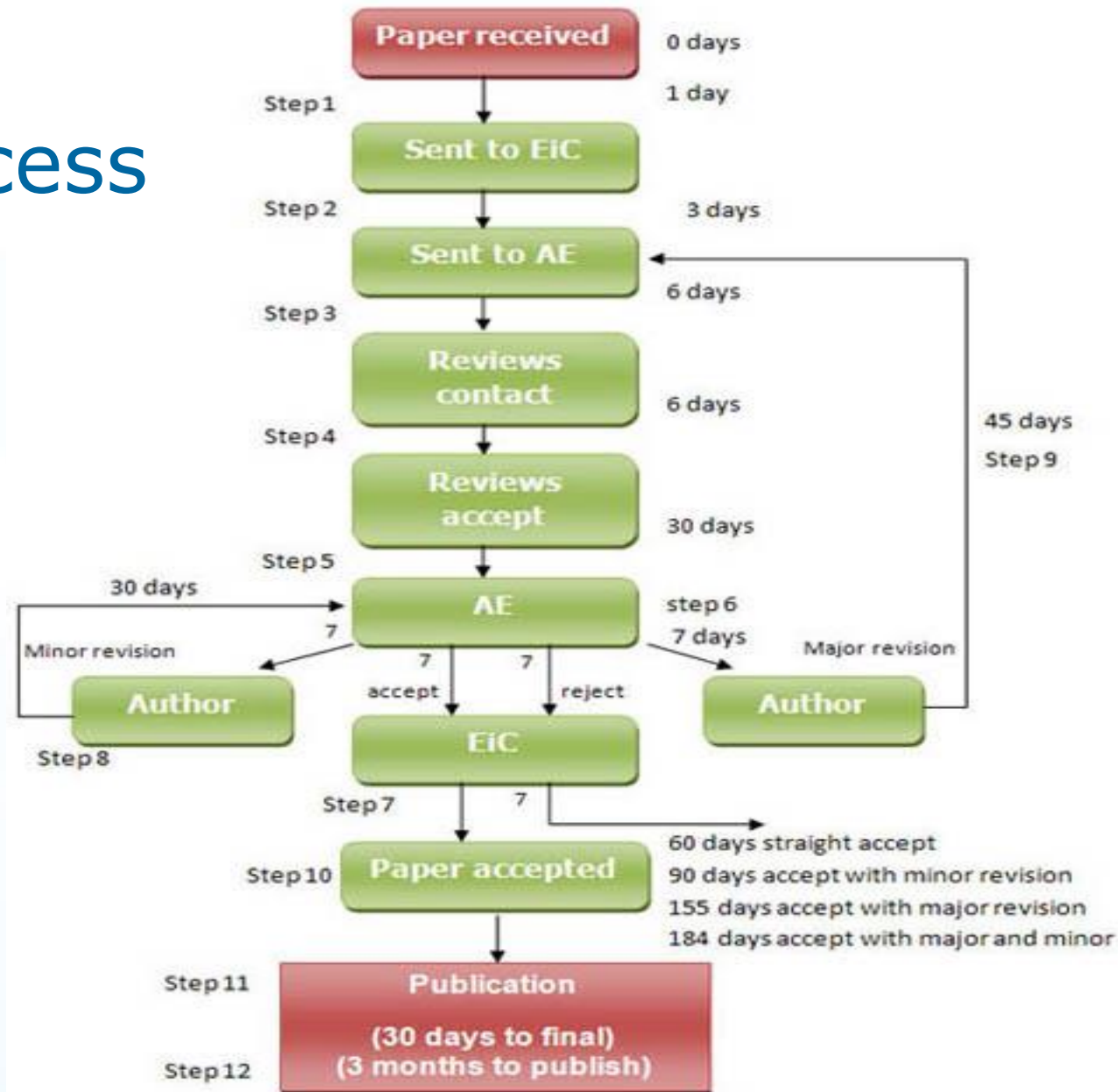
Dr. Nehorai served as Editor-in-Chief of *IEEE Transactions on Signal Processing* from 2003 to 2009; he was the Vice President of the IEEE Signal Processing Society (SPS), the Chair of the Publications Board, and a member of the Executive Committee of this Society. He was the founding Editor of the special column on Leadership Reflections in *IEEE Signal Processing Magazine* from 2003 to 2006. He has been a Fellow of the IEEE since 1994, the Royal Statistical Society since 1996, and the AAAS since 2012.

Writers last task once all sections are written:

- 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?

Review Process

Review Review Process



e.g. IEEE
Transactions on
Information
Technology in
Biomedicine

Submit

Check the status of your review

Dashboard

- To submit a new manuscript, click on the "Submit a Manuscript" link above.
- Clicking on the various manuscript status links under "My Manuscripts" will display a list of all the manuscripts in that status at the bottom of the screen.
- To continue a submission already in progress, click the "Continue Submission" link in the "Unsubmitted Manuscripts" list.

My Manuscripts

- 0 [Unsubmitted Manuscripts](#)
- 0 [Resubmitted Manuscripts in Draft](#)
- 0 [Revised Manuscripts in Draft](#)
- 1 [Submitted Manuscripts](#)
- 0 [Manuscripts with Decisions](#)
- 0 [Manuscripts I Have Co-Authored](#)
- 0 [Withdrawn Manuscripts](#)
- 0 [Manuscripts Accepted for ARC](#)
- 0 [Invited Manuscripts](#)

Author Resources

 [Click here](#) to submit a new manuscript

This section lists the subjects of the five most recent e-mails that have been sent to you regarding your manuscript submission(s). To view an e-mail, click on the link. To delete an e-mail from this list, click the delete link.

Submitted Manuscripts

Manuscript ID	Title	Date Created	Date Submitted	Status
WRK1-0048	The Effect of Moonbeams on Kittens [View Manuscript] (cover letter)	17-Feb-2005	17-Feb-2005	ADM: Not Assigned • In Review

 [top](#)

Track status and view the details of your manuscripts on the Author Dashboard.

Select the appropriate queue in the My Manuscripts section.

The results will display directly below the dashboard.

Audience

What IEEE editors and reviewers are looking for

- Content that is **appropriate, in scope and level, for the journal**
- Clearly written **original material that addresses a new and important problem**
- Valid methods and rationale
- Conclusions that make sense
- Illustrations, tables and graphs that support the text
- References that are current and relevant to the subject

Audience

Why IEEE editors and reviewers reject papers

- The content is **not a good fit for the publication**
- There are serious scientific flaws:
 - Inconclusive results or incorrect interpretation
 - Fraudulent research
- It is poorly written
- It does **not address a big enough problem** or advance the scientific field
- The work **was previously published**
- The **quality is not good enough for the journal**
- **Reviewers have misunderstood the article**

Open Access Publications

Types

- **Traditional Journals –**
Users/Libraries pay for access
- **Open Access Journals –**
Author pays article costs, free download
- **Hybrid Journals –**
Most articles are traditional, some are open access (author preference)

<http://open.ieee.org/>

IEEE OPEN

search



The Author's Choice for Open Access Publishing



View Infographic

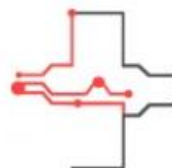


First Fully Open Access Topical Journals



IEEE Journal of
Electron Devices
Society

Photonics Journal
An IEEE Photonics Society Publication



IEEE Journal of Translational
Engineering in
Health and Medicine

Editors in Chief



Fabrizio Lombardi, *IEEE Transactions on Emerging Topics in Computing*



Carmen S. Menoni, *IEEE Photonics Journal*



Renuka P. Jindal, *IEEE Journal of Electron Devices Society*



Clifford Dacso, *IEEE Journal of Translational Engineering in Health & Medicine*



Atam P. Dhawan, *IEEE Journal of Translational Engineering in Health and Medicine*

Since 2014/15 –additional OA Topical Journals

- IEEE Exploratory Solid-State Computational Devices and Circuits
 - Multi-disciplinary research in solid-state circuits

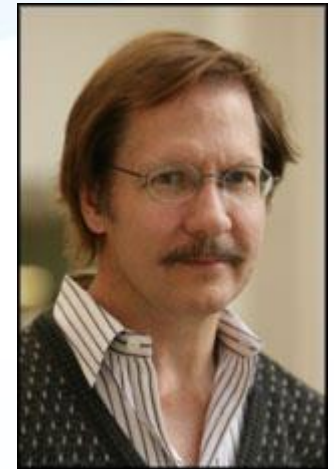
- IEEE Power and Energy Technology System Journal
 - Practice-oriented articles focusing on the development, planning, design, construction, maintenance, installation and operation of equipment, structures, materials and power systems

Since 2013:

IEEE Access

practical innovations : open solutions

- A broad-scope “**Megajournal**” to cover **multi-disciplinary topics** that don’t naturally fit into one of IEEE’s existing primary transactions or journals
- Online-only archival publication: **no page limits**; supporting data and videos encouraged
- **Applications-oriented articles** such as interesting solutions to engineering or information system design challenges, practical experimental techniques, manufacturing methods, etc.
- **Rapid, yet thorough, binary peer-review** and publication process with submissions judged on technical substance and presentation quality
- Readers will **evaluate work through comments** and usage metrics, which are updated frequently and displayed with the abstract of each paper published



*Dr. Michael Pecht,
Editor in Chief*

More information: <http://ieeeaccess.ieee.org/benefits-of-publishing-in-ieee-access>  **IEEE**

IEEE Article Sharing and Posting Policies

As Applied to Each Stage of the Article's Life-Cycle

>> PRIOR TO SUBMISSION TO AN IEEE JOURNAL

Prior to submission to an IEEE Journal, authors can:

- Post anywhere at anytime, including on pre-print servers

>> SUBMITTED/ACCEPTED ARTICLES

Upon submission, authors may share/post:

- On authors' personal and employers' websites
- On institutional/funder websites as required
- For authors' own classroom use
- Only on Scholarly Collaboration Networks (SCNs) that are signatories to the International Association of Scientific, Technical, and Medical Publishers' (STM) "Sharing Principles"

Upon acceptance, those pre-print articles posted:

- On the authors' personal and employers' websites must be replaced by the accepted version
- On ArXiv, the IEEE-approved third-party, not-for profit server, and in funder repositories, must be replaced by the accepted versions
- On all other third-party servers must be removed

All posted articles must include the IEEE copyright notice (©20xx IEEE)

>> FINAL PUBLISHED ARTICLES

For non - open access articles under standard copyright transfer:

- Authors may not post
- Authors may share copies for individual personal use
- Authors may use in their own classrooms with permission from IEEE

- Authors may use in their own theses/dissertations with permission from IEEE
- Third-party reuse requires permission from IEEE

>> GOLD OPEN ACCESS ARTICLES*

Under the IEEE Open Access Publishing Agreement (OAPA):

- Authors may post final published versions on their own personal and employers' websites
- Authors may post final published versions on institutional/funder websites as required
- Third-party reuse requires permission from IEEE

Under Creative Commons Attribution License (CC BY):

- Authors and third parties (including funder websites) may post/share/use without permission, even for commercial purposes or to create derivative works
- Authors retain copyright, but end users have very broad rights provided they always credit the original author

***Gold open access articles** are made available for free online immediately upon publication. This is made possible through the payment of an article processing charge by the authors (or their institutions/funding agencies).

Author Gateway Dashboard

[Dashboard](#)[Proofing Instructions](#)[Page Charges & Reprints](#)[IEEE Periodicals Directory](#)[FAQ](#)

Articles in Progress

Progress in Chip Scale Integrated Photonic Sensing

Transactions on TESTA

Upload your proof corrections by Oct 05 2013

Manuscript Number

testa-2387

Digital Object identifier

10.1109/TESTA.2012.2188005

**Published to
IEEE Xplore®**

Article, as accepted for publication, for deposit with funding agency

Production State

With Author for review and commentary

Alert[Transfer copyright](#)

Completed Articles

Article Title**Grid Resource Allocation by Means ofOption Contracts****Periodical Title**

Transactions on TESTA

Digital Object identifier

10.1109/TESTA.2011.2168489

**Published to
IEEE Xplore®****Download**
for submission to
granting agency
as requiredAccepted
Manuscript**A Bias-Dependent Model for the Impact of ProcessVariations on the SRAM Soft Error Immunity**

Transactions on TESTA

10.1109/TESTA.2011.2168490

Accepted
Manuscript

Self-Archiving policy

- IEEE allows authors to deposit **the *accepted* (not final) version of their paper** (available through the Author Gateway) to their institutional or funding repository, or to post it on their personal websites.
- Our full deposition policy can be found here: http://www.ieee.org/publications_standards/publications/rights/paperversionpolicy.html

IEEE Author Tools

ieeeauthorcenter.ieee.org



PUBLISH
WITH IEEE

CREATE YOUR
IEEE ARTICLE

SUBMIT ARTICLE FOR
PEER REVIEW

CHOOSE A PUBLISHING
AGREEMENT

YOUR ROLE IN ARTICLE
PRODUCTION

WHEN YOUR ARTICLE IS
PUBLISHED

Where you publish matters.

Global Prestige

A trusted source for researchers for over 130 years, IEEE offers an unparalleled platform for showcasing your work.

Speed of Publication

Technology moves quickly, and so should the publication of your technical article.

Publishing Outlets

Your high-quality research has a home in our 195+ journals, or 1,400+ annual conference proceedings.

LEARN WHY 99% OF AUTHORS WOULD PUBLISH WITH IEEE AGAIN

Author Tools



IEEE Publication
Recommender



IEEE Article Templates



IEEE Graphics Analyzer



IEEE Reference Preparation
Assistant



IEEE PDF Checker



IEEE Collaboratec AuthorLab

Network, collaborate, and create
with technology experts globally in

-  **IEEE PUBLICATIONS
AUTHOR LAB**
-  **IEEE PUBLICATIONS
ARTICLE TEMPLATES**
-  **IEEE PUBLICATIONS
GRAPHICS ANALYZER**
-  **IEEE PUBLICATIONS
PUBLICATION
RECOMMENDER**
-  **IEEE PUBLICATIONS
AUTHOR FAQ**
-  **IEEE PUBLICATIONS
GRAPHICS &
MULTIMEDIA FAQ**
-  **IEEE PUBLICATIONS
REFERENCE
PREPARATION ASSISTANT**
-  **IEEE PUBLICATIONS
COPYRIGHT FAQ**
-  **IEEE PUBLICATIONS
PLAGIARISM FAQ**
-  **IEEE PUBLICATIONS
PDF CHECKER**



In this issue, learn more about an innovative website for journal authors, a new discount available through IEEE, and how to create compelling images. Plus, sign up today for free webinars on various aspects of publishing.

Free Webinars from IEEE

You might be interested in the following webinars being offered by IEEE:

- **Bibliometrics on 27 June 2017, 10:00-11:00 a.m. EDT.** This one-hour online course explores the appropriate and ethical use of bibliometric indicators such as the Impact Factor, the Eigenfactor, the Article Influence Score, the Scimago Journal Rank, and the Source Normalized Impact per Paper (SNIP). Presented by Dr. Gianluca Setti, professor of engineering at the University of Ferrara, Italy, and member, IEEE Publications, Services, and Products Board.
- **Enhance Your Article: Share Your Code via Code Ocean on 28 June 2017, 10:00-11:00 a.m. EDT.** This one-hour online training provides IEEE authors with an overview of the partnership IEEE has in place with Code Ocean—a cloud-based executable research platform that allows authors to upload, share and run their code. This partnership allows readers of IEEE Xplore articles that contain associated code linked to the article the ability to execute the code in the cloud without any special hardware or setup. Spend an hour with us to learn more about how you can enhance your article. Presented by Simon Adar, Code Ocean.
- **Publishing Your Article in a Journal on 18 July 2017, 1:00-2:00 p.m. EDT.** This one-hour course covers why publishing is important, the



Share this Newsletter



Open Researcher and Contributor ID (ORCID)

ORCID is a unique, persistent identifier for authors that helps them:

- Ensure their work is discoverable and connected to them throughout their career (including moves and name changes)
- Minimize the time spent entering repetitive information for manuscript submissions and grant applications
- Eliminate name ambiguity and ensure proper attribution

IEEE will require ORCIDs for all corresponding authors effective July 2016.



IEEE Author Guide Always Available

- Authors learn how to prepare, write, and submit quality technical articles
- Can be downloaded
- Includes embedded links to information, forms, etc.



For more information or to download: https://www.ieee.org/publications/authors/publishing-benefits/index.html?WT.mc_id=pb_ben_pub

Useful articles on IEEE Xplore

- M. M. Pierson and B. L. Pierson, "**Beginnings and endings: keys to better engineering technical writing,**" in *IEEE Transactions on Professional Communication*, vol. 40, no. 4, pp. 299-304, Dec 1997.
doi: 10.1109/47.650007
- V. O. K. Li, "**Hints on writing technical papers and making presentations,**" in *IEEE Transactions on Education*, vol. 42, no. 2, pp. 134-137, May 1999.
doi: 10.1109/13.762947
- D. F. Williams, "**Editorial: How to Get Your Manuscript Published in this T RANSACTIONS in Six Months or Less,**" in *IEEE Transactions on Microwave Theory and Techniques*, vol. 53, no. 3, pp. 797-798, March 2005.
doi: 10.1109/TMTT.2004.842512

<https://ieeexplore.ieee.org/>

Learn the basics about writing and publishing your article with our video tutorials for authors

<http://ieeauthorcenter.ieee.org/publish-with-ieee/author-education-resources/video-tutorials-for-authors/>

IEEE.tv Tune in to where technology lives.

[Home](#) [Series ▾](#) [Channels ▾](#) [Events ▾](#) [My Videos](#) [Subscriptions](#) [f](#)

Home > Series > IEEE.tv Specials > How to Publish a Technical Paper with IEEE: Part 2 - Audience & Paper Structure



05:24 44:26

January 20, 2015 | 443 views [ShareThis](#)

How to Publish a Technical Paper with IEEE: Part 2 - Audience & Paper Structure

THANK YOU!

Eszter Lukacs

❖ www.ieee.org/go/clientservices

❖ E.lukacs@ieee.org