

探索IEEE IEL数据库:科研检索和学术投稿

IEEE

李箐

2015



培训要点

- **IEEE IEL数据库高效科研检索技巧与资源更新**
- **IEEE国际期刊与会议投稿流程和注意事项**
- **IEEE学术交流及择业辅助工具**
- **IEEE各级会员申请及会议合办组织流程**

IEEE Volunteer Activities

- 非盈利组织，全球最大的技术行业协会，成员遍布160多个国家地区，会员超过40万人
 - 45 个技术协会和技术委员会
 - 329 个地方分会
 - 1860 专业技术委员会
 - 80个国家的2000+ 个学生分会
- 每年在全球范围内举办1000多场会议
- 出版世界电气电子工程和计算机领域30%的文献
- 提供1000多个现行的产业标准，及500个正在制定的标准



IEEE Societies

- 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 and 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 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 Xplore全文数据库

- 3百多万篇全文文档
- 170+ IEEE 期刊和杂志
- 1400+ IEEE会议录（每年）
- 5000+ IEEE标准（IEL不含草案）
- 20+ IET期刊和杂志
- 20+ IET会议录（每年）
- VDE会议录
- Bell Labs Technical Journal
- 完整文档回溯到1988，最早到1872
- 1000+ 电子书（IEEE-Wiley; MIT; Morgan& Claypool）
- 300+ 电子学习课件
- 等等



Morgan & Claypool

综述文集

- 综述文集的基本组成部分是一份份独立的50~100页“报告”（Lectures），每份报告全面阐述一项重要的研究或技术发展，由该领域著名专家撰写
- 新的报告随时完成随时出版，报告的内容可能随其研究项目的变化而修改，系列也会随整个学科的发展而增加或调整
- 专注于工程及计算机研究领域
- 包含了近600本同行评审的综述文集
- 文献最早回溯到2006年
- 每月更新文集，每年约新增文集100本

Prepare

First Steps

Your research problem must contribute new and important knowledge to your field

- **Conduct a Literature Review**
- Take Notes & Keep Track
- Gather References & Citations
- Draft an Outline



Tools to start your literature review

- Full-text databases
 - IEEE *Xplore*[®]
 - Other relevant scientific publishers
- Abstracting and Indexing databases
- For more resources, contact your institution's library

Start simply

Search 3,769,020 items

vehicle to grid|

SEARCH

beta

[Author Search](#) | [Advanced Search](#) | [Preferences](#) | [Search Tips](#) | [More Search Options](#) ▼

Then narrow, or refine

FILTER THESE RESULTS
Search within results:

☒ All Results
☐ Open Access

CONTENT TYPE
☐ Conference Publications (3,037)
☐ Journals & Magazines (504)
☐ Early Access Articles (48)
☐ Books & eBooks (7)
☐ Standards (6)

PUBLICATION YEAR
☐ Single Year ☒ Range
1931 | 2014
From:
To:

AUTHOR
Search for Author

☐ Steimel, Andreas (24)
☐ Heising, Carsten (23)
☐ Staudt, Volker (23)

SEARCH RESULTS
You searched for: **vehicle to grid**
3,602 Results returned
Results per page: Sort by:
Select All on Page | Deselect All
« First | 1 2 3 4 5 >> Last »

☐ **Research on Vehicle-to-Grid Technology**
Tu Yiyun ; Li Can ; Cheng Lin ; Le Lin
Computer Distributed Control and Intelligent Environmental Monitoring (CDCIEM), 2011 International Conference on
DOI: 10.1109/CDCIEM.2011.194
Publication Year: 2011 , Page(s): 1013 - 1016
Cited by: [Papers \(6\)](#)
IEEE CONFERENCE PUBLICATIONS

☐ **Bidirectional battery charger with Grid-to-Vehicle, Vehicle-to-Grid and Vehicle-to-Home technologies**
Pinto, J.G. ; Monteiro, V. ; Goncalves, H. ; Expoto, B. ; Pedrosa, D. ; Couto, C. ; Afonso, J.L.
Industrial Electronics Society, IECON 2013 - 39th Annual Conference of the IEEE
DOI: 10.1109/IECON.2013.6700108
Publication Year: 2013 , Page(s): 5934 - 5939
IEEE CONFERENCE PUBLICATIONS

From 3602 to 32


SEARCH RESULTS

You searched for: **vehicle to grid** , **spinning reserves** ✕


32 Results returned


Results per page: 25 ▾ Sort by: Relevance ▾

Select All on Page | Deselect All « First | 1 2 Last »


 Set Search Alert


 Download Citations

 Save to Project

 Email Selected Results

 Print

 Export Results

☐ **Research on Vehicle-to-Grid Technology** 

Tu Yiyun ; Li Can ; Cheng Lin ; Le Lin

Computer Distributed Control and Intelligent Environmental Monitoring (CDCIEM), 2011 International Conference on

DOI: 10.1109/CDCIEM.2011.194

Publication Year: 2011 , Page(s): 1013 - 1016

Cited by: Papers (6)

Re-sort your results to find new or highly-cited papers

SEARCH RESULTS

You searched for: **vehicle to grid**

Results per page 25

Select All on Page | Deselect All

« First | 1 | 2 | 3 | 4 | 5 >> Last »

Set Search Alert Download Citations Save to Project Email Selected Results Print Export Results

☐ **Research on Vehicle-to-Grid Technology**
Tu Yiyun ; Li Can ; Cheng Lin ; Le Lin
Computer Distributed Control and Intelligent Monitoring (CDCIEM), 2011 International Co
DOI: 10.1109/CDCIEM.2011.194
Publication Year: 2011 , Page(s): 1013 - 1014
Cited by: Papers (6)
IEEE CONFERENCE PUBLICATIONS
 Quick Abstract PDF (342 KB)

3,602 Results returned

Results per page 25 Sort by: **Most Cited [By Papers]**

Select All on Page | Deselect All

« First | 1 | 2 | 3 | 4 | 5 >> Last »

Set Search Alert Download Citations Save to Project Email Selected Results Print Export Results

☐ **The vector field histogram-fast obstacle avoidance for mobile robots**
Borenstein, J. ; Koren, Y.
Robotics and Automation, IEEE Transactions on
Volume: 7 , Issue: 3
DOI: 10.1109/70.88137
Publication Year: 1991 , Page(s): 278 - 288
Cited by: **Papers (413) | Patents (6)**
IEEE JOURNALS & MAGAZINES
 Quick Abstract PDF (1088 KB)

☐ **The Impact of Charging Plug-In Hybrid Electric Vehicles on a Residential Distribution Grid**
Clement-Nyons, K. ; Haesen, E. ; Driesen, J.
Power Systems, IEEE Transactions on
Volume: 25 , Issue: 1
DOI: 10.1109/TPWRS.2009.2036481
Publication Year: 2010 , Page(s): 371 - 380
Cited by: Papers (348)

Once you know key authors

Search 3,382,840 items

[Basic Search](#) | [Advanced Search](#) | [Preferences](#) | [Search Tips](#) | [More Search Options](#) ▼

SEARCH RESULTS

You searched for: **"First Name":Norman** **"Last Name":Smith**

36 Results returned

Results per page

Sort by:

[Select All on Page](#) | [Deselect All](#)

« First | 1 2 Last »



Helpful Tips on searching *IEEE Xplore*[®]

- Target specific publications once you've found the right focus
- Use “Advanced Search” or “Command Search” for multi-field or more complex searches
 - Full-text search
 - Boolean operators
 - Phrase nesting
- Use a personal account to stay organized while doing literature searches

Prepare

First Steps

- Conduct a Literature Review
- **Take Notes & Keep Track**
- Gather References & Citations
- Draft an Outline



Create a free personal account

[IEEE.org](#) | [IEEE Xplore Digital Library](#) | [IEEE Standards](#) | [IEEE Spectrum](#) | [More Sites](#)

[Cart \(0\)](#) | [Create Account](#) | [Sign In](#)

IEEE Xplore®
DIGITAL LIBRARY



Access provided by:
AT & T IEL Customer
[Sign Out](#)



BROWSE

- [Books & eBooks](#)
- [Conference Publications](#)
- [Education & Learning](#)
- [Journals & Magazines](#)
- [Standards](#)

[By Topic ▼](#)

QUICK LINKS

- [Manage Alerts](#)
- [Training & Tools](#)
- [IEEE Xplore Mobile](#)

[MY SETTINGS ▼](#)

[MY PROJECTS](#)

[WHAT CAN I ACCESS?](#) | [About IEEE Xplore](#) | [Terms of Use](#) | [Feedback](#) [?](#)

Search 3,509,091 items

 SEARCH

beta
[Author Search](#) | [Advanced Search](#) | [Preferences](#) | [Search Tips](#) | [More Search Options ▼](#)

Highlights

[What's Popular](#)

[Most Recent](#)

MORE HIGHLIGHTS: [||](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)



Personal account benefits

- **Search Preferences:** Designate what you want to search and how you want your search results displayed in IEEE *Xplore* by setting search preferences.
- **Search History:** Search history allows you to record your 50 most recent searches for later viewing and create more complex searches by combining searches. Turn on the search history recording feature in your preferences.
- **Saved Search Alerts:** Stay up-to-date with the latest research by saving your search. IEEE will notify you when new articles of interest are available.
- **My Projects-Collaboratec:** Create personal project folders to keep documents organized by project or topic within IEEE *Xplore*. Save documents to an unlimited number of folders, personalize with project descriptions, and add notes and tags to individual articles as you save them to project folders.
- **Table of Contents Alerts:** Sign up to receive an email when a new journal or magazine in your area of interest has been posted online with a link to the Table of Contents.
-

Stay current: Saved Search Alerts

SEARCH RESULTS

You searched for: **cloud computing**

12,315 Results returned

Results per page Sort by:

Select All on Page | Deselect All << First | 1 2 3 4 5 >> Last >>

 Set Search Alert  Download Citations  Save to Project  Email Selected Results  Print  Export Results

☐ **Security threats in cloud computing** 

Shaikh, F.B. ; Haider, S.
Internet Technology and Secured Transactions (ICITST), 2011
International Conference for
Publication Year: 2011 , Page(s): 214 - 219
Cited by: Papers (2)
IEEE CONFERENCE PUBLICATIONS

 |  Quick Abstract |  PDF (606 KB)

SEARCH RESULTS

You searched for: **cloud computing**

12,315 Results returned

Results per page

Select All on Page



Set Search
Alert



Security

Shaikh

Intern

Intern

Public

Cited

IEEE

1



Colla

Mana

SAVED SEARCH

Address shown is from information saved in your preferences.

Saved Search Name *:

Query: You searched for: cloud computing

Email Address: jalyn.kelley@ieee.org

SET ALERT ☒

You will receive email alerts whenever new content that matches your saved search is added to IEEE Xplore. If you don't wish to receive such email alerts, please uncheck this box.

Save

Cancel

WANT
COMPA
KEEP II

Keep papers organized: Collabratec

Displaying results 1-25 of 229 for ((IGBT OR gallium nitride OR insulated gate bipolar) AND (hybrid electric vehicle OR HEV))

Show All Results | Per Page 25 | Sort By Newest First

☒ Select All on Page Download Citations Export to IEEE Collabratec Set Search

Refine results by

Search within results

Content Type

☐ Conference Publications (200)

☒ **A novel rotor-permanent magnet flux-switching machine for electrically excited ecological vehicles and renewable energy applications**
Wei Hua; Peng Su; Gan Zhang; Ming Chen
Ecological Vehicles and Renewable Energy Conference on
Year: 2015
Pages: 1 - 10, DOI: 10.1109/EVER.2015.7112960
IEEE Conference Publications

Abstract ([html](#)) [PDF](#) (3407 Kb) [©](#)

You have selected 25 citation(s) for export to IEEE Collabratec™

Cancel Export


Standards Dictionary Terms Browse

25 records successfully exported. View in IEEE Collabratec™




IEEE Customer » Sign Out

MY SETTINGS GET HELP WHAT CAN I ACCESS?

Keep papers organized: Collabratec

 **Library**

Documents Library Settings

   With selected... ▾

Filters ^

- ☒ All
- ☐ Recently Added
- ☐ Incomplete Records
- ☐ To Review
- ☐ Favorites
- ☐ My Publications
- ☐ Recommended

Type ^

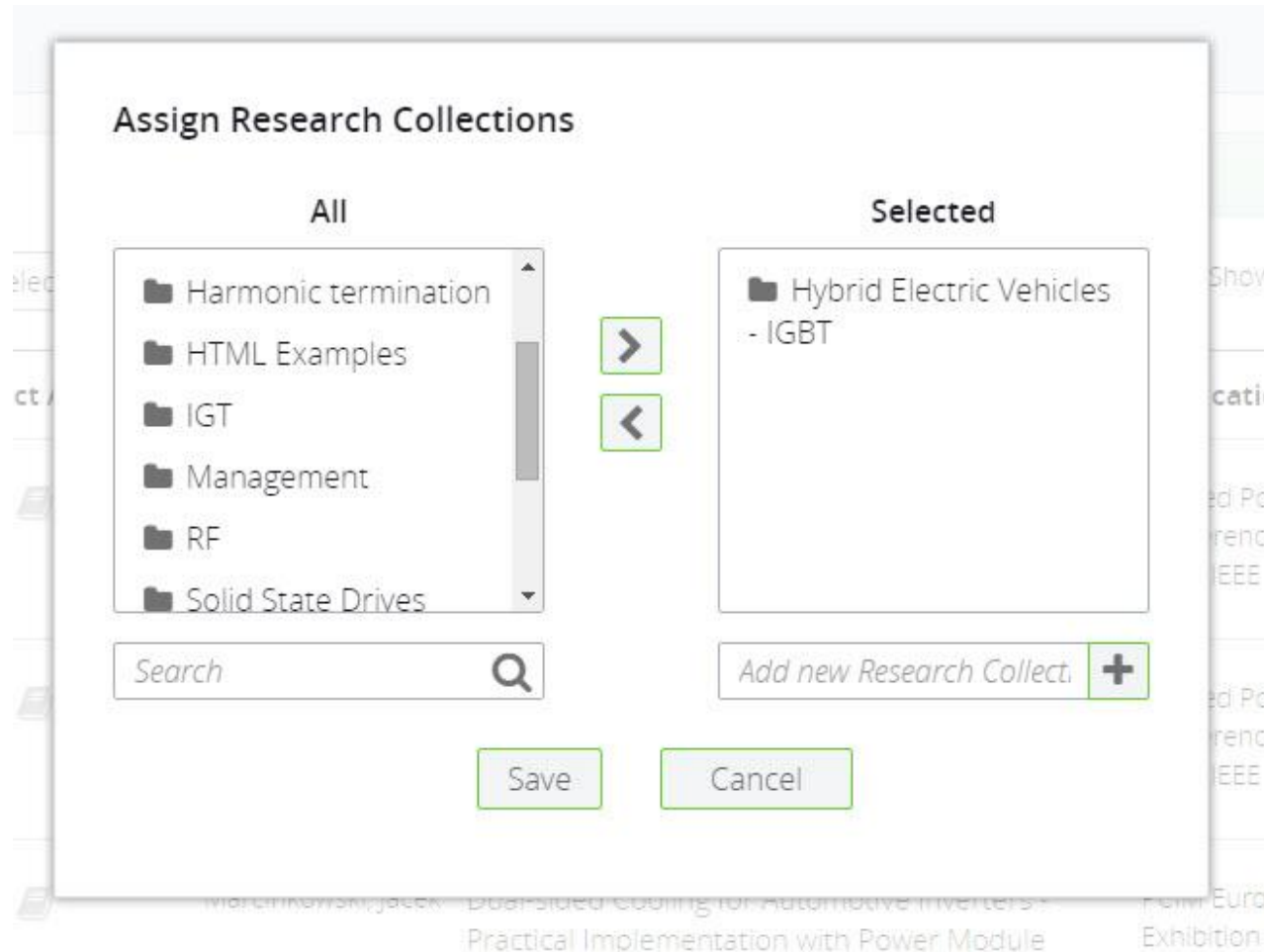
Document Title ▾

in, K.	New compact, high performance 7 th Generation IGBT module with direct liquid cooling for EV/HEV inverters
ai Mu	Design of integrated transformer and inductor for high frequency dual active bridge GaN Charger for PHEV
nkowski, Jacek	Dual-sided Cooling for Automotive Inverters - Practical Implementation with Power Module






Context Menu:

- Generate Citation
- Flag for Review
- Review Complete
- Copy to Research Collection**
- Copy to Research Group**
- Delete
- Recommend
- Apply My Tags

Keep papers organized: Collabratec



Keep papers organized: Collabratec

My Research Collections ^		inductive power transfer system	
<input type="checkbox"/> IGT (96)	<input type="checkbox"/> ★ 	Bauer, F.D.	Conceptual Study of Sub-600 V IGBT
<input type="checkbox"/> Flash Memory - Floating Gate - nano (85)	<input type="checkbox"/> ★ 	Wang, Yangang	Integrated Liquid Cooling Automotive IGBT Module for High Temperatures Coolant Application
<input type="checkbox"/> Solid State Drives (79)			
<input type="checkbox"/> Zero Voltage Switching (53)			
<input type="checkbox"/> Harmonic termination (48)	<input type="checkbox"/> ★ 	Muhlfeld, O.	Compact power module for integrated traction inverters with highest power density
<input type="checkbox"/> Electrical Overstress (45)	<input type="checkbox"/> ★ 	Schulting, Philipp	Potential of using GaN devices within air cooled bidirectional battery chargers for electric vehicles
<input type="checkbox"/> RF (44)			
<input type="checkbox"/> Usability AND Quality Management (34)	<input type="checkbox"/> ★ 	Lingxiao Xue	The optimal design of GaN-based Dual Active Bridge for bi-directional Plug-IN Hybrid Electric Vehicle (PHEV) charger
<input type="checkbox"/> Hybrid Electric			

Keep Current: Table of Contents Alerts

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

WELCOME JALYN KELLEY ▾ | CART(0)

IEEE Xplore®
DIGITAL LIBRARY

at&t

Access provided by:
AT & T IEL Customer
Sign Out

IEEE

BROWSE

- Books & eBooks
- Conference Publications
- Education & Learning
- Journals & Magazines
- Standards
- By Topic ▾

MY SETTINGS ▾

- Alerts
- Purchase History
- Saved Searches
- Preferences
- Search History
- What can I access?

WHAT CAN I ACCESS? | About IEEE Xplore | Terms of Use | Feedback ?

Search 3,216,870 items

SEARCH

Advanced Search | Preferences | Search Tips | More Search Options ▾

QUICK LINKS

IEEE

Table of Contents Alerts

Manage your research quickly and efficiently with convenient Table of Contents Alerts. You will receive an email when a new journal or magazine issue in your area of interest has been posted online

Alerts will be sent to "jalyn.kelley@ieee.org" in "Html" format. These settings can be updated within the Preferences feature.

Journals & Magazines

Conferences

Standards By Version

Table of Contents Alerts Set: 1

☐ Select/Deselect All

Reset

Update

☐ [Advanced Packaging, IEEE Transactions on](#)

[Most Recent Issue](#) Issues Per Year : 4



☒ [Aerospace and Electronic Systems Magazine, IEEE](#)

[Most Recent Issue](#) Issues Per Year : 12



☐ [Aerospace and Electronic Systems, IEEE Transactions on](#)

[Most Recent Issue](#) Issues Per Year : 4



☐ [Annals of the History of Computing, IEEE](#)

[Most Recent Issue](#) Issues Per Year : 2



Prepare First Steps

- Conduct a Literature Review
- Take Notes & Keep Track
- **Gather References & Citations**
- Draft an Outline



Two ways to use references and citations

- One paper's reference list can be a gateway to a second set of relevant articles during your literature search
- You will need to cite references in your paper to support your research

Find references on Abstract Pages

Browse Journals & Magazines > Information Theory, IEEE Tran ... > Volume:57 Issue:6 ?

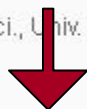
< Prev | Next >

A Distributed Numerical Approach to Interference Alignment and Applications to Wireless Interference Networks

 Full Text as PDF

 Full Text in HTML

3
Author(s) Gomadam, K. ; Electr. Eng. & Comput. Sci., Univ. of California, Irvine, CA, USA ; Cadambe, V.R. ; Jafar, S.A.



Abstract

Authors

References

Cited By

Keywords

Metrics

Similar

 Download Citations

 Email

 Print

 Request Permissions

Recent results establish the optimality of interference alignment to approach the Shannon capacity of interference networks at high SNR. However, the extent to which interference can be aligned over a finite number of signalling dimensions remains unknown. Another important concern for interference alignment schemes is the requirement of global channel knowledge. In this work, we provide examples of iterative algorithms that utilize the reciprocity of wireless networks to achieve interference alignment with only local channel knowledge at each node. These algorithms also provide numerical insights into the feasibility of interference alignment that are not yet available in theory.

Find “Cited By” documents

AbstractAuthorsReferencesCited ByKeywordsM

Download Citations

Email

Print

Request Permissions

Save to Project

0

Like

0

Tweet

0

152 Citations

IEEE (146) | Other Publishers (5) | Patents (1)

Citation Map

Cited by IEEE (146)

1. Cadambe, V.R.; Jafar, S.A. "Interference Alignment and Degrees of Freedom of the -User Interference Channel", *Information Theory, IEEE Transactions on*, On page(s): 3425 - 3441 Volume: 54, Issue: 8, Aug. 2008
[Abstract](#) | Full Text: [PDF](#) (422KB)

2. Kim, D.; Torlak, M. "Optimization of Interference Alignment Beamforming Vectors", *Selected Areas in Communications, IEEE Journal on*, On page(s): 1425 - 1434 Volume: 28, Issue: 9, December 2010
[Abstract](#) | Full Text: [PDF](#) (558KB)

3. Chatzinotas, S.; Ottersten, B. "Cognitive interference alignment between small cells and a macrocell", *Telecommunications (ICT), 2012 19th International Conference on*, On page(s): 1 - 6
[Abstract](#) | Full Text: [PDF](#) (249KB)

References/Citing Documents

Citation Map ?

View All References **View All Citing Documents**

Viewing: **Integration of packaged RF MEMS switches with radiation pattern reconfigurable square spiral microstrip antennas**

REFERENCES

- 1- [Multifunctional reconfigurable MEMS integrated antennas for adaptive MIMO systems](#)
- 2- IEEE Trans. Commun.
- 3- [Microstrip antennas with frequency agility and polarization diversity](#)
- 4- A reconfigurable leaky-wave/patch microstrip aperture for phased-array applications
- 5- A pattern reconfigurable microstrip parasitic array
- 6- Design of reconfigurable slot antennas

CITING DOCUMENTS



DIVERSITY MEASUREMENTS OF A RECONFIGURABLE ANTENNA WITH SWITCHED POLARIZATIONS AND PATTERNS
 Poussot, B., Laheurte, J.-M., Cirio, L., Picon, O., Delcroix, D., Dussopt, L.,
[Antennas and Propagation, IEEE Transactions on](#), Volume: 56 Issue: 1, Jan. 2008
 On page(s): 31 - 38

Abstract
 A reconfigurable parasitic patch array is designed to provide polarization and pattern diversities. The performance of the device is predicted using a commercial simulator including a pin diode modelling and an optimization procedure of the switched loads based on an equivalent flow graph. Measurements of the correlation factor and the diversity gain in an indoor environment are performed with a dedicated platform for two orientations of the antenna.

6- [A versatile beam steering double square loop antenna for modern wireless communications](#)

Cited by Patents (1)

[Back To Top](#) ▲

1. Pereira, Stephanie F. ; Xue, Feng , "WIRELESS NETWORK AND METHOD FOR ADAPTIVE OPPORTUNISTIC CLUSTERING FOR INTERFERENCE ALIGNMENT IN WIRELESS NETWORKS" , Patent No. 8036098  

[View At Patent Office](#)  | [Full Text:PDF](#) 

Inventors:

Pereira, Stephanie F. ; Xue, Feng

Abstract:

Embodiments Of A Central Scheduler And Method For Adaptive Clustering Are Generally Described Herein. In Some Embodiments, A Cluster Of Transmitter-receiver Pairs Is Selected Based On Minimum Singular Values Calculated From Direct Channel Information And The Selected Pairs Are Instructed To Perform An Interference Alignment Technique. </P>

Assignee:

INTEL CORP

Filing Date:

April 20, 2009

Grant Date:

October 11, 2011

Patent Classes:

Current U.S. Class:

370201000, 370208000, 370328000, 370329000

Current International Class:

H04J0011200, H04J0010000, H04W0040000

Third-party citation metrics



Abstract

Authors

References

Cited By

Keywords

Metrics

Similar

Download Citations

Email

Print

Request Permissions

Save to Project

0

Like

0

Tweet

0

Share

Downloads ?

2013

2012

2011

Jan	Feb	Mar	Apr	May	Jun
58	54	72	70	-	-
Jul	Aug	Sep	Oct	Nov	Dec
-	-	-	-	-	-

1659

Total downloads since May, 2011

Best Month: **March**

Year Total: **254**

Note: Data is updated on a monthly basis.

Citations ?

CrossRef®

54

Scopus®


81

Web of Science®


45

Download citations from result


SEARCH RESULTS


You searched for: **wireless sensor networks** , **security** 

You Refined by


Content Type: **Journals & Magazines** 


638 Results returned


Results per page: **100** 


Sort by: **Relevance** 


Select All on Page | **Deselect All** | [« First](#) | [1](#) | [2](#) | [3](#) | [4](#) | [5](#) | [» Last](#) »


 Set Search Alert

 Download Citations


 Save to Project

 Email Selected Results

 Print


 Export Results

☒

Effects of Denial-of-Sleep Attacks on Wireless Sensor Network MAC Protocols 

Raymond, David R. ; Marchany, R.C. ; Brownfield, M.I. ; Midkiff, S.F.
Vehicular Technology, IEEE Transactions on
Volume: 58 , Issue: 1
DOI: [10.1109/TVT.2008.921621](#)
Publication Year: 2009 , Page(s): 367 - 380
Cited by: [Papers \(18\)](#)
IEEE JOURNALS & MAGAZINES
[Full Text](#) | [Citation](#) | [Quick Abstract](#) | [PDF \(528 KB\)](#) | [HTML](#)

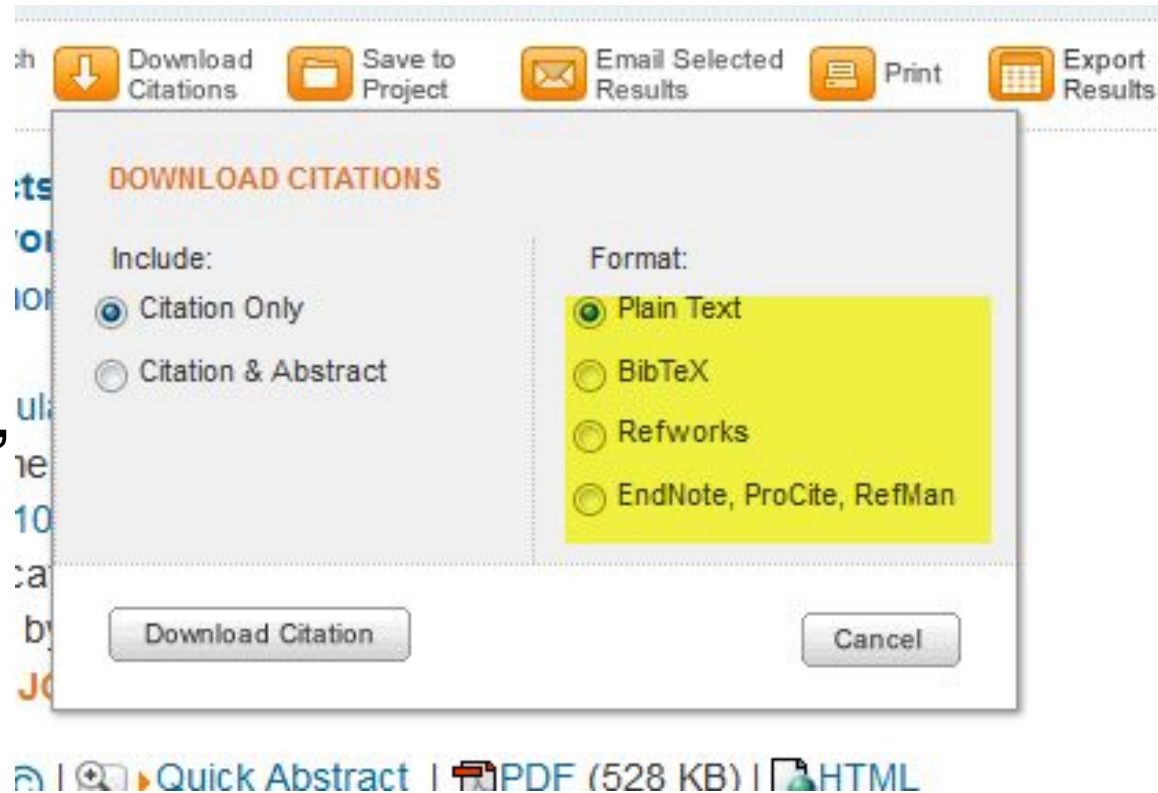
☒

Intrusion detection techniques in mobile ad hoc and wireless sensor networks 

Bo Sun ; Osborne, L. ; Yang Xiao ; Guizani, S.
Wireless Communications, IEEE
Volume: 14 , Issue: 5
DOI: [10.1109/WAC.2007.4200042](#)

Choose your format

- Plain text
- BibTeX
- Refworks
- Endnote, ProCite, RefMan



IEEE期刊与会议投稿流程概览



What are the other opportunities to publish at IEEE?

170⁺

Journals, Transactions,
Magazines

1,300⁺

Conferences

Authors can be “found” where their work belongs.

Quality You Can Trust

Journal Citation Report Results, by Impact Factor

IEEE publishes:

- 18 of top 20 journals in Electrical and Electronic Engineering
- 10 of top 10 journals in Telecommunications
- 4 of top 5 journals in Automation & Control Systems
- 4 of top 5 journals in Computer Hardware & Architecture
- 4 of top 5 journals in Computer Science, Artificial Intelligence
- # 1 in Automation & Control
- # 1 in Artificial Intelligence
- # 1 in Cybernetics
- # 1 in Hardware & Architecture
- # 1 in Industrial Engineering
- # 2 in Imaging Science
- # 2 in Remote Sensing

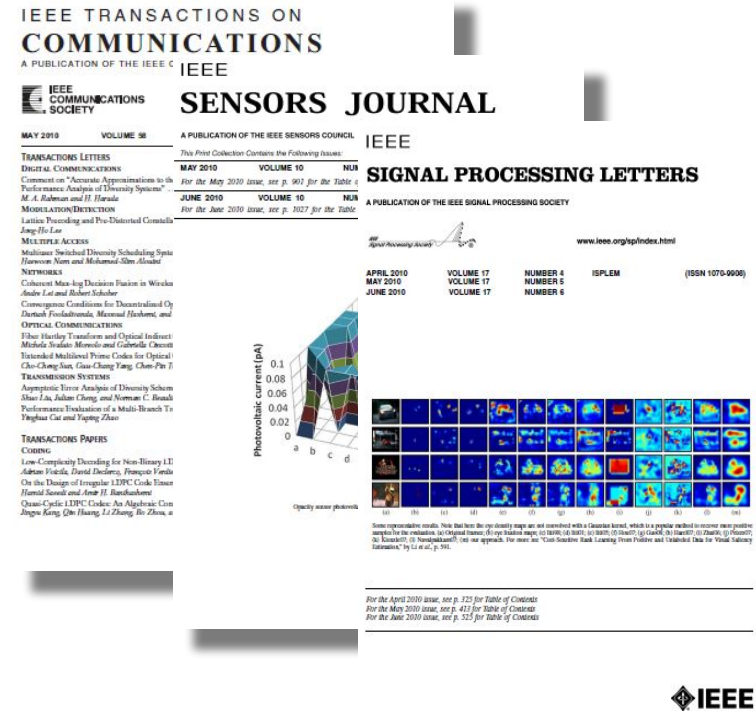
The ISI JCR presents “quantifiable statistical data that provides a systematic, objective way to evaluate the world’s leading journals”

(2012 report released June 2013)



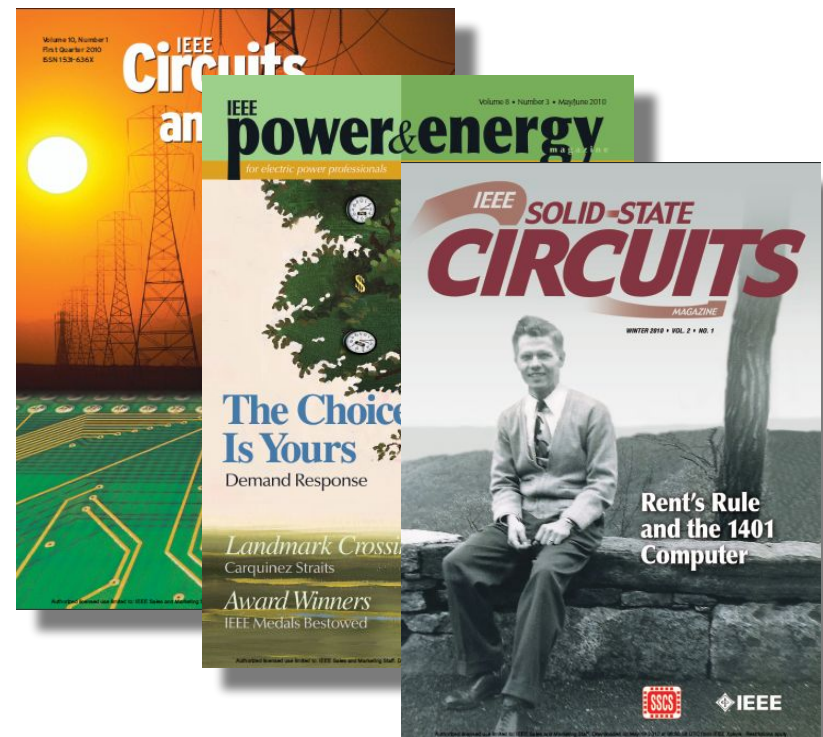
学术期刊-Journals

- Journals, Transactions, and Letters are the primary means for publishing technical papers concerning original work in IEEE fields of interest.
 - The primary purpose of Journals, Transactions, and Letters is to disclose and provide a permanent archival record of original technical work that advances the state of the art or provides novel insights.
 - Letters are for the publication of brief papers, usually three to four pages in length.



技术杂志-Magazines

- Magazines are characterized by regular and continuing issues with significant technical content in addition to general news and regular columns
 - IEEE Communications Magazine
 - IEEE Microwave Magazine
 - IEEE Signal Processing Magazine
 - IEEE Instrumentation & Measurement Magazine
 -



查看期刊投稿信息

Signal Processing, IEEE Transactions on

 Add Journal To My Alerts

 View Title History



Popular

Early Access

Current Issue

Past Issues

About Journal

Submit Your Manuscript

About this Journal

- [Aims & Scope](#)

Editorial Board

- [IEEE Transactions on Signal Processing publication information](#)

Content Announcements

- [Special issue on signal processing for large-scale mimo communications](#)

Author Resources

- [IEEE Author Digital Toolbox](#)
- [Additional Information](#)
- [IEEE Open Access Publishing Options](#)

2.813

Impact Factor

0.05842

Eigenfactor

1.287

Article Influence Score

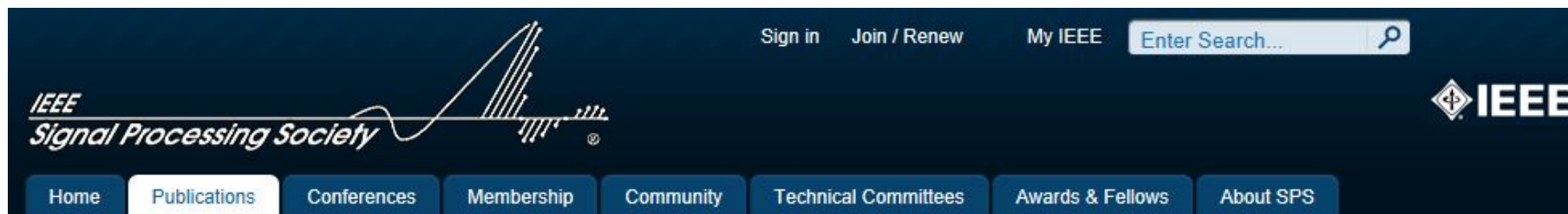
Aims & Scope



The IEEE Transactions on Signal Processing covers novel theory, algorithms, performance analyses and applications of techniques for the processing, understanding, learning, retrieval, mining, and extraction of information from signals. The term "signal" includes, among others, audio, video, speech, image, communication, geophysical, sonar, radar, medical and musical signals. Examples of topics of interest include, but are not limited to, information processing and the theory and application of filtering, coding, transmitting, estimating, detecting, analyzing, recognizing, synthesizing, recording, and reproducing signals.

Indexed in Pubmed® and Medline®, products of the United States National Laboratory of



查看期刊更多投稿相关信息



Connect:  

IEEE TRANSACTIONS ON **SIGNAL PROCESSING** A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY

Scope: The IEEE Transactions on Signal Processing covers novel theory, algorithms, performance analyses and applications of techniques for the processing, understanding, learning, retrieval, mining, and extraction of information from signals. The term "signal" includes, among others, audio, video, speech, image, communication, geophysical, sonar, radar, medical and musical signals. Examples of topics of interest include, but are not limited to, information processing and the theory and application of filtering, coding, transmitting, estimating, detecting, analyzing, recognizing, synthesizing, recording, and reproducing signals.

The theory and means for achieving these and related aims, along with the environmental, psychological, and physiological factors of these technologies are the scope in overview of the IEEE Transactions on Signal Processing, the IEEE Signal Processing Letters, and IEEE Signal Processing Magazine. Portions are addressed more specifically in other Society journals, IEEE Transactions on Image Processing, the IEEE Transactions on Multimedia, the IEEE Transactions on Audio, Speech and Language Processing, and the IEEE Transactions on Information Forensics and Security.

The scope is reflected in the EDICS: the Editors' Information Classification Scheme.

The Transactions publish original, timely and significant contributions. Submissions must be previously



[TSP Home](#)

[Table of Contents](#)

[Receive Table of Contents Alerts](#)

[Top Ten Viewed Articles](#)

[EDICS](#)

[Editorial Board](#)

[Information for Authors](#)

[Guides](#)

[Overview Articles](#)

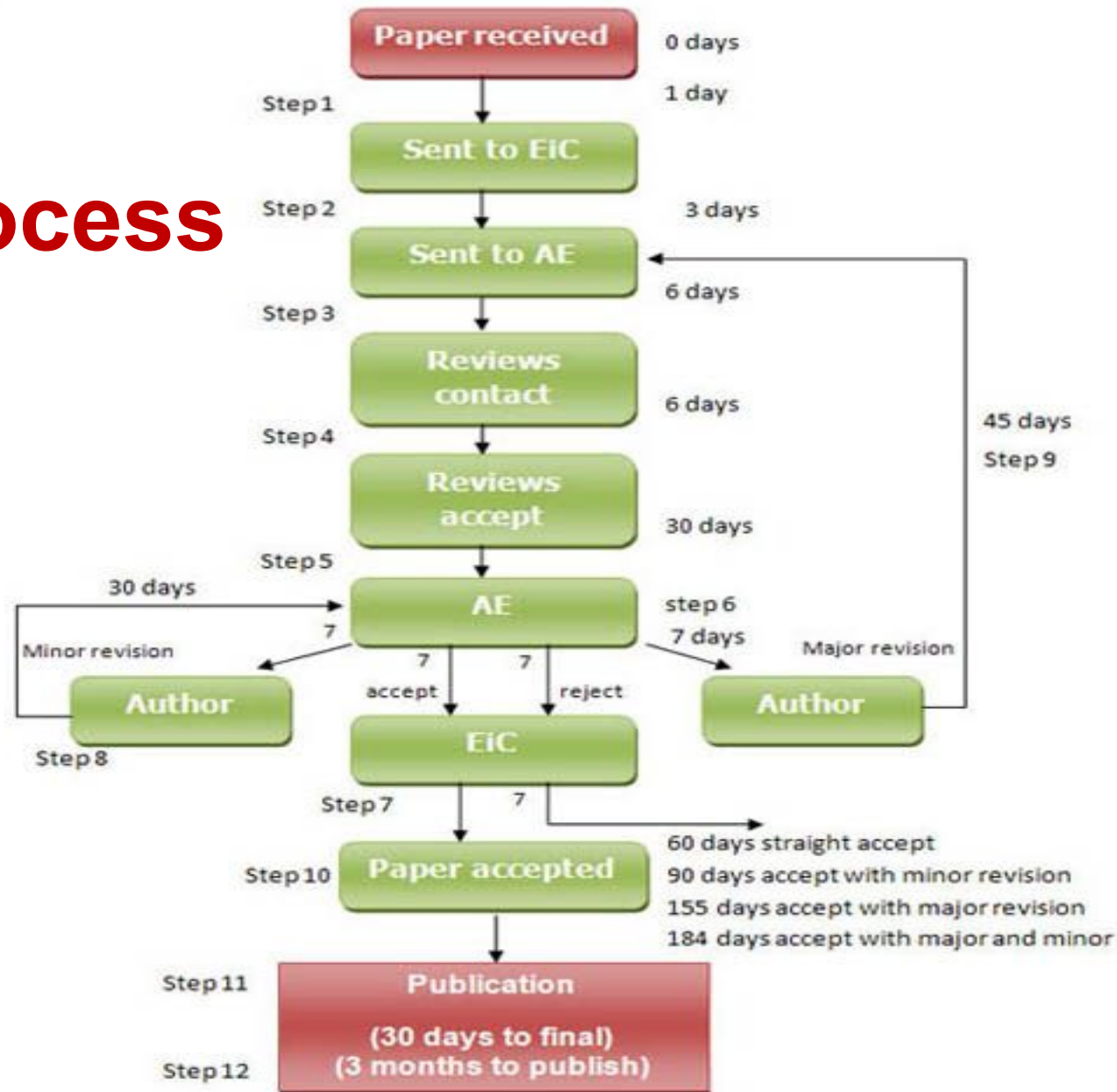
[IEEE Copyright Form](#)

[LaTeX and Microsoft Word Templates](#)

[Paper Awards](#)

评审流程

Review Process



e.g. IEEE
Transactions on
Information
Technology in
Biomedicine

考虑期刊可能涉及的费用

- 版面费
 - *Voluntary Page Charges*
 - *Mandatory Page Charges*
- 图像制作费
 - *Color Charges*
- OA作者付费

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

Plagiarism

- Copying another person's work word for word or paraphrasing without proper citation

Author Attribution

- Must be given if you use another author's ideas in your article, even if you do not directly quote a source

Author involvement/ contributions

- Include any and all who have made a substantial intellectual contribution to the work
- Do not include minor contributors

电子投稿: E-Submission


Log In

Welcome to the *Transactions on Medical Imaging* manuscript submission site. To Log In, enter your User ID and Password into the boxes below, then click "Log In." If you are unsure about whether or not you have an account, or have forgotten your password, enter your e-mail address into the "Password Help" section below. If you do not have an account, click on the "Create Account" link above.

Log In

Log in here if you are already a registered user.

User ID:

Password:  Log In

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

E-Mail Address:  Go


New User?

[Register here](#)

Resources

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

ScholarOne ManuscriptsTM v4.8.1 (patent #7,257,767 and #7,263,655). © ScholarOne, Inc., 2012. All Rights Reserved.
ScholarOne Manuscripts is a trademark of ScholarOne, Inc. ScholarOne is a registered trademark of ScholarOne, Inc.

 Follow ScholarOne on Twitter

[Terms and Conditions of Use](#) - [ScholarOne Privacy Policy](#) - [Get Help Now](#)

投稿格式: Tools for Authors

Author Digital Tool Box

♦ IEEE Publications Menu

Publications Home

Publications News

+ Publication Types

+ Publishing Tools & Services

+ Reprints, Rights & Permissions

Advertising in IEEE Publications

+ Publications Board

+ Author Resources

Contact IEEE Publishing

FAQs



The IEEE Author Digital Toolbox contains tools and information to assist with article preparation and submission, the article proof review process, and ordering reprints. Also included is a list of frequently asked questions.

On this Page:

- › Article Preparation and Submission
- › Template for all Transactions (except IEEE Transactions on Magnetics, IEEE Magnetics Letters, IEEE Photonics Journal and IEEE Transactions on Dielectrics and Electrical Insulation)
- › Latex Template for IEEE Photonics Journal
- › Word Template for IEEE Transactions on Magnetics
- › IEEE Magnetics Letters
- › Multimedia Materials
- › Manuscript Proof Procedure
- › Post-Publication and Reprint Information
- › General Information

♦ Article Preparation and Submission

- IEEE Taxonomy (PDF, 374 KB)
- Reference Preparation Assistant
- STIX Fonts Web Site
- IEEE Style Manual (PDF, 132 KB)
- Refine the Use of English in Your Manuscript
- IEEE "Information for Authors" kit (PDF, 755 KB)
- Graphics Checker Tool

http://www.ieee.org/publications_standards/publications/authors/authors_journals.html

查找即将召开的IEEE会议

www.ieee.org/conferences

IEEE Conference Search Results

Search Conference

Select date range

From:

To:

Location (optional)

Select a region

France

Select a state/province

Enter city name

Keywords (optional)

Conference # (optional)

Numerals only

Sponsor (optional)

Select the IEEE Sponsor

☐ Exhibits

☐ Tutorials

Search

Search tips

Your search return

Conference Name

2014 IEEE International Conference on Image Processing (ICIP)

2014 IEEE Nuclear & Conference (NSREC)

2012 13th European Effects on Component

2012 International : Dresden-Grenoble (Semiconductor Conf

ESSDERC 2012 - 42 Research Conference

2012 XXth International Machines (ICEM)

2012 1st International Computer Science (

2014 IEEE International Conference on Image Processing (ICIP)

Sponsored by Signal Processing Society - SP

The International Conference on Image Processing (ICIP), sponsored by the IEEE Signal Processing Society, is the premier forum for the presentation of technological advances and research results in the fields of theoretical, experimental, and applied image and video processing.

Conference Details

Dates

27 Oct - 30 Oct 2014

Location

CNIT La Defense
Paris, France

Web site

www.icip2014.com

Contact

Beatrice Pesquet-Popescu
46 rue Barrault
France Paris Cedex 13 75634
+33 1 45 81 71
pesquet@telecom-paristech.fr

Conference #

17529

Attendance

1200

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

- Science

Features

- Exhibits
- Tutorials

[Back to search results](#)

University
Lille, France

EE

Important IEEE Policy Announcement

- The IEEE reserves the right to exclude a paper from distribution after the conference (including its removal from IEEE Xplore) if the paper is not presented at the conference.

Papers are reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference at the same time (double submission).

- [IEEE Policy on Plagiarism](#)
- [IEEE Policy on Double Submission](#)

IEEE学协会活动

- IEEE学术交流及择业辅助工具
- IEEE各级会员申请及会议合办组织流程



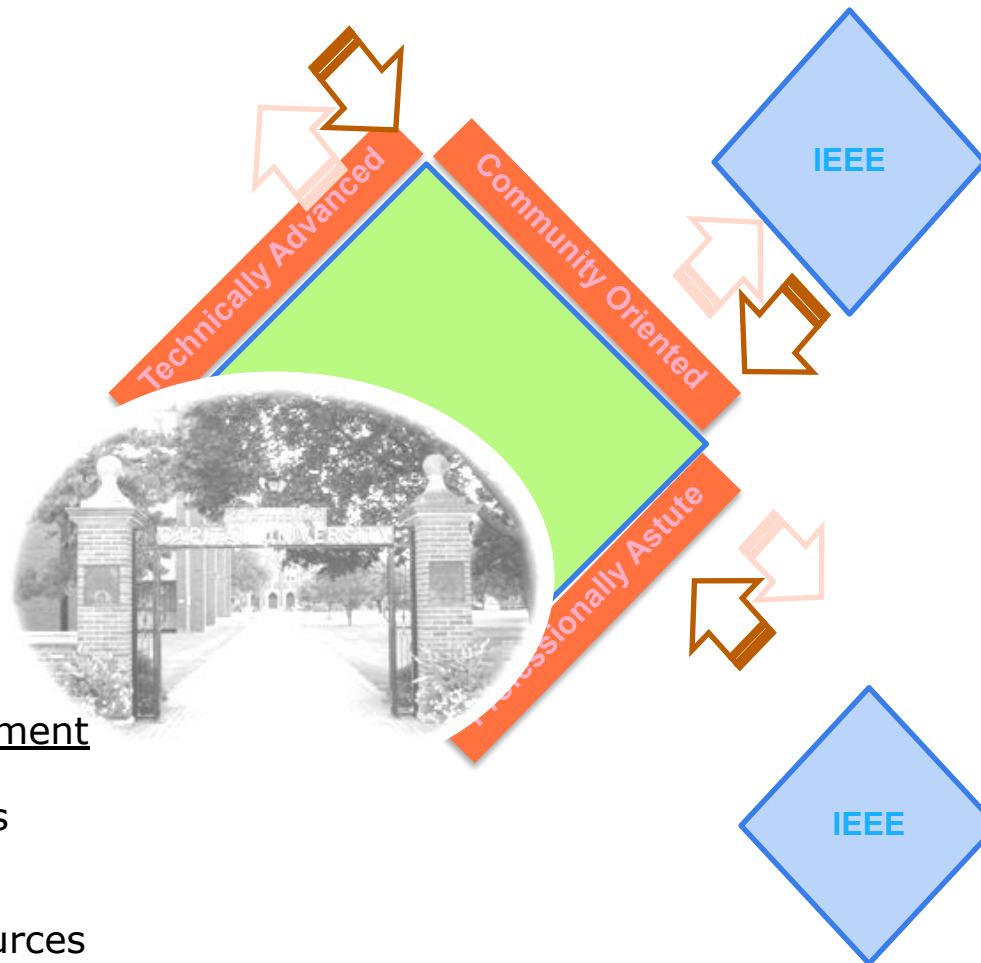
IEEE Student Portfolio

Technical Programs & Opportunities

- Technical Chapters
- IEEEExtreme
- Robotics & Paper Contests
- Project Showcases
- Technical Speakers
- IEEE Potentials
- Discounts
- Student Tracks

Volunteer Development

- Student Congresses
- Training Webcasts
- Student Branch Development Resources



Public Programs & Opportunities

- Humanitarian Initiatives
- President's Change the World Competition
- Awards & Recognition

Career Programs & Opportunities

- IEEE ResumeLab
- Soft-skill Seminars
- Professional Awareness Events
- Engineers Week
- Networking events
- Ethics Competitions

IEEE Collabratec™

PILOT

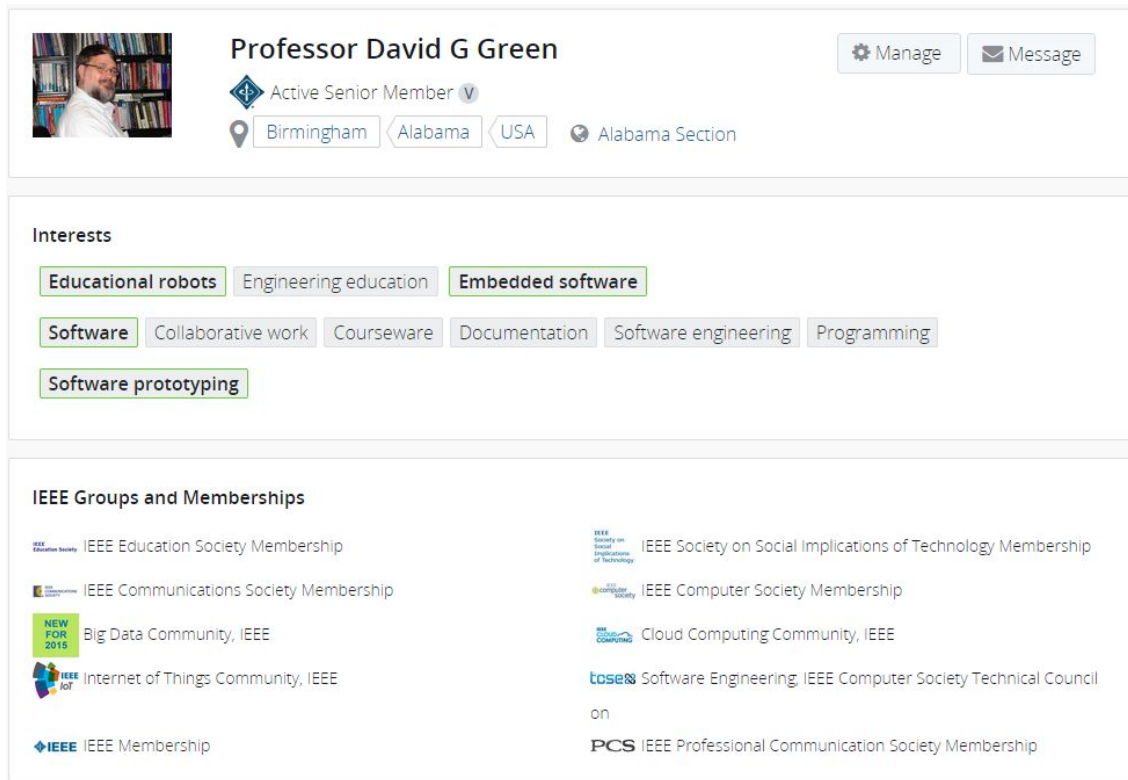
functions	All	Members	Volunteers
Networking	<ul style="list-style-type: none"> Professional Profiles Privacy settings Peer-to-peer connecting Activity stream Communities Notifications Integration w/ 3rd-party networks 	<ul style="list-style-type: none"> Member grade badges Enhanced privacy settings Exclusive communities 	<ul style="list-style-type: none"> Volunteer badging Vtools integration
Career Development	<ul style="list-style-type: none"> Profile management / career history Communities 	<ul style="list-style-type: none"> Exclusive communities Preferential placement in recruiter search results 	n/a
Research	<ul style="list-style-type: none"> Content discovery, library management; importing citations and documents from multiple services Private collaboration groups Cloud-storage 		
Authoring	<ul style="list-style-type: none"> Collaborative document development Profile management / published works Bibliography generation Communities Cloud-storage 		

• IEEEExplore
 • Google Scholar
 • Microsoft Academic

For example...
 Requirements or design specifications,
 Application notes,
 Consulting proposals

Profile

Standardized layout for multiple constituencies who engage with IEEE, enabling professional identity and robust networking.



The screenshot displays a user profile for Professor David G Green. At the top left is a profile picture of a man with glasses and a beard. To the right of the photo, the name "Professor David G Green" is displayed, followed by a "Manage" button (gear icon) and a "Message" button (envelope icon). Below the name, it says "Active Senior Member" with a dropdown arrow. Further down, location tags for "Birmingham", "Alabama", and "USA" are shown, along with a link to the "Alabama Section".

The "Interests" section contains several tags: "Educational robots", "Engineering education", "Embedded software", "Software", "Collaborative work", "Courseware", "Documentation", "Software engineering", "Programming", and "Software prototyping".

The "IEEE Groups and Memberships" section lists various affiliations in two columns. The left column includes: IEEE Education Society Membership, IEEE Communications Society Membership, Big Data Community, IEEE (marked "NEW FOR 2015"), Internet of Things Community, IEEE, and IEEE Membership. The right column includes: IEEE Society on Social Implications of Technology Membership, IEEE Computer Society Membership, Cloud Computing Community, IEEE, Software Engineering, IEEE Computer Society Technical Council on, and IEEE Professional Communication Society Membership.

Key Features

Consolidated view into individual interests, biography, and connectivity

Connections within users' professional network

Customized settings enabling variable visibility by field



People

Access to the people engaged in the world's largest, technical professional society.

The screenshot displays the IEEE People search interface. On the left, there are three filter sections: Relationship, Country, and State. The main area shows a list of users, with the first three being Vincenzo Piuri, Giorgio Vitetta, and Gianluca Setti. Each user profile includes a photo, name, affiliation, location, and IEEE membership details.

Relationship

- ☒ All
- ☐ IEEE Volunteers
- ☐ Authors
- ☐ My Communities
- ☐ My Network

Country

- ☐ USA (250)
- ☐ India (82)
- ☐ Colombia (56)
- ☐ Canada (49)
- ☐ Brazil (24)
- ☒ Italy (24)
- ☐ United Kingdom (8)
- ☐ Spain (7)

Enter a country

State

- ☐ Turin (3)
- ☐ Pavia (2)
- ☐ Cagliari (1)

Vincenzo Piuri

Università degli Studi di Milano
Crema, Italy
IEEE Women in Engineering Membership IEEE Robotics and Automation Society Membership ... More

Giorgio Vitetta

University of Modena and Reggio Emilia
Modena, Italy
IEEE Internet of Things Community IEEE Smart Grid Community ... More

Gianluca Setti

Ferrara Univ Degli Studi Of
Ferrara, Italy
IEEE Signal Processing Society Membership IEEE Electromagnetic Compatibility Society Membership ... More

Showing 1

Italy x Reset

g+ Follow 0

Key Features

Grade badging to distinguish IEEE members among each other and other users

Search faceting to locate users by specific criteria and level of engagement

Connectivity through shared interests, invitation management, and messaging



Communities: *collaborative* and *networking* opportunities

- ❑ **Tap into your colleagues knowledge or share your expertise** by asking and answering questions
- ❑ **Share, view, and download files** to garner opinions on the latest technology or research.
- ❑ **Comment** on files to trigger discussions and share opinions.
- ❑ **View events** related to technical or geo interests

*

The screenshot shows the IEEE CyberEthics and CyberPeace community page. The header includes the IEEE logo and the community name. Below the header, there are tabs for Activities, Files, Q & A, Events, and Participants. The main content area displays a post by James Isaak, titled 'Cyber-Ethics Initiative v4.pdf', which has been updated 4 days ago. The post includes a description of the initiative and a list of participants. The page also shows a calendar for June 2015 and a list of comments.

Communities

CyberEthics and CyberPeace

Community provided by :
IEEE Computer Society e-Government Special Technical Community
IEEE Society on Social Implications of Technology

Participants 38

All Participants

June 2015

Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30

7 Post(s) in Community

James Isaak has uploaded a file
4 days ago

Cyber-Ethics Initiative v4.pdf
Cybernetics

Slightly updated version with a version/date on 1st page, and minor formatting changes.

Report it

3 comment(s)

Dena Hoffman
3 days ago

This is a great overview on a topic that affects academics, researchers, industry and individuals personally!

Frank Fahrendorf
2 days ago

Nice overview indeed, but isn't the short term / immediate goal to formulate a cyber ethics statement and code of conduct?

Carlos E. Jimenez Gomez
7 hours ago

Hello Frank, the overview is the basis. Now, we are analyzing an working in definitions as well as literature and knowledge of people. This community will let us to include it fom people that would like participate. This is the reason that I encourage you in a post to sharing references here, in order to integrate it in a body of knowledge for the next steps.

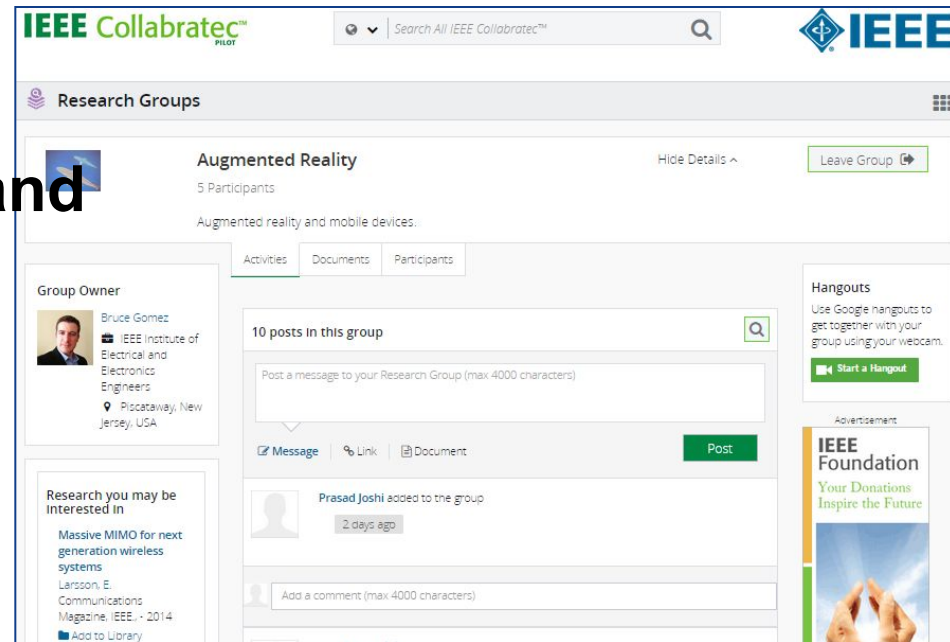
Research Groups: private, collaborative working spaces

- ❑ **Private group** not discoverable by anyone outside the group.
- ❑ **Facilitates collaboration over a collection of documents** to remotely co-author an article, report, project proposal,

etc.

- ❑ **Includes an activity stream and common library** with remote co-authoring tools.

- ❑ **Parameters expanding**



*

IEEE **ResumeLab**

- New member benefit launched 31 January 2014
- Create resumes and cover letters using customized templates with built-in training and tool tips
- Build video resumes and work portfolios
- Take mock interviews with 900+ practice interview questions
- Over 8000+ users (as of July 2015)

**RESUMES**

[Create New Resume](#)

Manage Your Resumes

**LETTERS**

[Create New Letter](#)

Manage Your Letters

**PORTFOLIOS**

[Create New Portfolio](#)

Manage Your Portfolios

**ASSESSMENTS**

[Create New Assessment](#)

Manage Your Assessments

**INTERVIEWS**

[Create New Interview](#)

Manage Your Interviews

**VIDEO RESUMES**

[Create Video Resume](#)

Manage Your Video Resumes

Resumes



Test1

Click on a section to begin editing your resume. Use the right sidebar to format your resume and find content assistance. [Click here](#) to download pdf help.

Logged in as:
IEEE Testing

Logout

Rename

Clone

Download

Share

Print Preview

To Do

Switch Resumes

.75"

.75"

445 Hoes Lane
Piscataway, NJ 08873

IEEE TESTING
ieeetest@ieee.org

7325625430
[WORK]

PROFESSIONAL QUALIFICATIONS

- 15+ years of increasingly responsible experience in Public Works & Civil Engineering Projects for the Darden County Government (Texas).
- Outstanding skills in project design, engineering, cost estimating, scheduling and CPM. Skilled PC user.
- Equally extensive experience in field project management and crew training/leadership.
- Supervisory responsibility for up to 12 design, estimating, field and project management personnel.
- Strong negotiations, communications and persuasion skills. Able to effectively communicate complex engineering concepts, plans and programs to non-technical personnel.
- Excellent engineering qualifications across all core disciplines – civil, mechanical, environmental, hydraulic, sewage and geotechnical.

DOCUMENT

[STYLE RESUME](#)

[FORMAT HEADER](#)

[SPELLCHECK](#)

[SHOW HISTORY](#)

SECTIONS

PROFESSIONAL QUA...

PROFESSIONAL EXP...
+ Add/Delete Employer/Job

EDUCATION

+ Add Section Reorder

TOOLS

[RESUME TIPS](#)

[RESUME SAMPLES](#)

[RESUME VIDEO TUTORIALS](#)

[SECTION INSTRUCTIONS](#)

[SECTION EXAMPLES](#)

Mock Interview

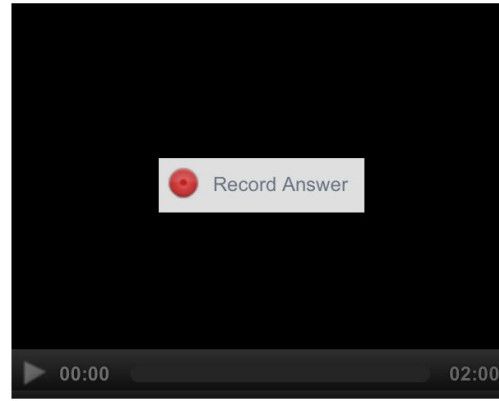
QUESTION

What would your former employer say is your highest achievement?

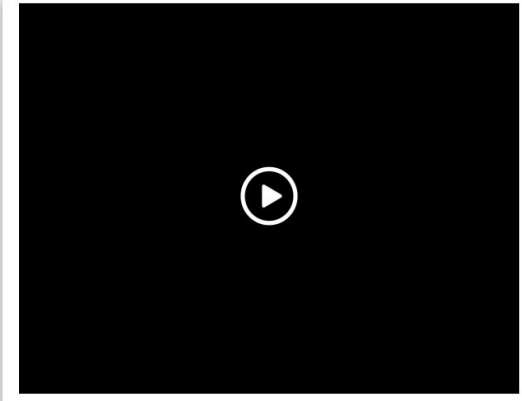
[Next Question »](#)



INTERVIEWER: David, Optimal Resume



CANDIDATE: IEEE Testing



COACH: David, Optimal Resume

Questions Playlist (20)

You have 20 unrecorded questions



What would your former employer say is your highest achievement?

INTERVIEWER: DAVID, OPTIMAL RESUME

COACH: DAVID, OPTIMAL RESUME



Remember that you are not being asked what you personally think your highest achievement is, but rather what your employer would say about you. The key is to pick an accomplishment that your employer would remember well and be able to describe

Skills Assessment

SKILLS (35)			EXPERIENCES ADD MORE				
SKILLS ADD MORE			DELETE	DELETE	DELETE	DELETE	DELETE
			Courses	Jobs / Internships	Service / Volunteer Work	Memberships / Activities	Interests / Life Experiences
<input type="checkbox"/>	↕	Judgment and Decision Making	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Management of Financial Resources	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Coordination	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Critical Thinking	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Negotiation	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Active Listening	Add	Add	Add	Add	Add
<input type="checkbox"/>	↕	Monitoring	Add	Add	Add	Add	Add

Shareable Resume/Portfolio

Resume

Portfolio

Skills

 [Microsoft\(R\) Word Compatible](#)  [PDF](#)

IEEE Testing

ieeetest@ieee.org
7325625430
445 Hoes Lane
Piscataway, NJ 08873

Summary

This is my summary...

Technical Skills

Programming:

- C++, Java, Servlets, XML, PHP

Operating Systems:

- Unix, Mac OS and Windows.

Network Technologies:

- TCP/IP, SS7 protocol stack

Education

North Carolina State University, Raleigh, NC

Master of Science, Computer Science, 2014

GPA: 3.4 on a scale of 4.0

University of New Delhi, New Delhi, India

Bachelor of Science, Informatics and Electronics, 2011

Experience

Ardent Systems Research Triangle Park, NC

Firmware Developer/Intern

- Worked closely with the senior engineer on the firmware of a raman spectroscope used to detect and analyze the chemical composition of pharmaceuticals. Interfaced the unit with desktop PC's running XP and Vista ahead of schedule.
- Designed a shell interpreter with syntax similar to UNIX C-shell using C on Linux for the calibration of a measurement instrument.

Activities and Awards

Placed 2nd in 'Overnight Project Design' competition held at the technical fest organized by the Department of Computer Science, University of Delhi



如何申请成为IEEE会员

- [申请成为](#) 申请成为[IEEE](#) 申请成为IEEE[会员](#)—如果你已设立IEEE网上账户，请直接登陆；如还未设立账户，请在登陆界面点击Join Online.
- [申请成为](#) 申请成为[IEEE](#) 申请成为IEEE[学生会员](#) 申请成为IEEE学生会员—如果你已设立IEEE网上账户，请直接登陆；如还未设立账户，请在登陆界面选择Join Online. 目前代表处开通了面向学生会员的会费代缴服务，具体事宜请参考[2011 IEEE](#) 申请成为IEEE学生会员—如果你已设立IEEE网上账户，请直接登陆；如还未设立账户，请在登陆界面选择Join Online. 目前代表处开通了面向学生会员的会费代缴服务，具体事宜请参考2011 IEEE[学生会员会费代缴申请说明](#)。
- [申请成为](#) 申请成为[IEEE](#) 申请成为IEEE[电子会员](#) 申请成为IEEE电子会员—IEEE E-membership是IEEE推出的一种会籍方式，享有IEEE会员的所有权利，只是所有资料都采用电子方式，不再享有有纸质的资料，包括Spectrum, Potentials 和 Institute

http://cn.ieee.org/membership_join.html



会员级别及升级

- 学生会员升级为会员
 - 学生会员主要面向专业为IEEE所涉及学术领域的广大本科生和研究生。学生会员毕业后，其学生会员资格随之终止，根据实际情况升级至相应会员等级。
- 准会员升级为会员
 - 如在IEEE所涉及的学科领域具有六年以上的教育和工作经历，可申请升级为会员。在线申请请登陆[Associate to Member](#)。
- 高级会员
 - 升级为高级会员要求申请者需是IEEE相关领域的工程师、科学家、教师、技术主管或发明家，从业经验需达到十年，并在其中五年有杰出表现。在线申请请登陆[Senior Member Grade](#)。
- 会士
 - 在IEEE所涉及的各个行业领域做出杰出成绩和突出贡献的人经过评审，IEEE董事会会授予其会士称号。更多相关信息，请登陆[Fellow Program](#)。
- 终身会员
 - 终身会员需要同时满足以下两个条件：1. 会员年龄需达到65岁；2. 会员年龄和其成为IEEE会员的年数之和需大于100。更多相关信息，请登陆[Life Member Program](#)。

数据库登陆:

<http://ieeexplore.ieee.org>

培训网站:

http://cn.ieee.org/online_training.html

有问题请联系 li.q@ieee.org

