

IEEE图书馆座谈会

何丹丹

IEEE中国客户与资讯经理

青岛, 2026.5

参加本场讲座互动答题, 赢取精美奖品!



主要议题

IEEE 驱动科技进步

IEEE Xplore 助力高效科研

IEEE 拥抱开放科学

通过 IEEE 多渠道加强科技交流

IEEE 驱动科技进步

IEEE的成立历史

1884 1912 1963 Present



AIEE
American Institute
of Electrical Engineers
美国电气工程师学会



IRE
Institute of Radio
Engineers
无线电工程师学会



The **I**nstitute of **E**lectrical and **E**lectronics **E**ngineers
电气电子工程师学会



IEEE组织情况

- 非营利组织，全球最大的技术行业学会，成员遍布160多个国家/地区，会员超过50万人



- 300多个地方分会
- 2000多个专业委员会
- 100多个国家/地区的3000多个学生分会

- IEEE Aerospace and Electronic Systems Society
- IEEE Antennas and Propagation Society
- IEEE Broadcast Technology Society
- IEEE Circuits and Systems Society
- IEEE Communications Society
- IEEE Computational Intelligence Society
- IEEE Computer Society **最大**
- IEEE Consumer Electronics Society
- IEEE Control Systems Society
- IEEE Dielectrics and Electrical Insulation Society
- IEEE Education Society
- IEEE Electron Devices Society
- IEEE Electronics and Electrical Engineering Society
- IEEE Electromagnetic 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 Solid-State Circuits Society
- IEEE Systems, Man, and Cybernetics Society
- IEEE Technology and Engineering Management Society
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society
- IEEE Vehicular Technology Society

39个专业协会

IEEE Societies

IEEE涵盖各个科技工程领域

More than just electrical engineering & computer science

- 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 more



出版世界电气电子工程和计算机领域

1/3 的文献

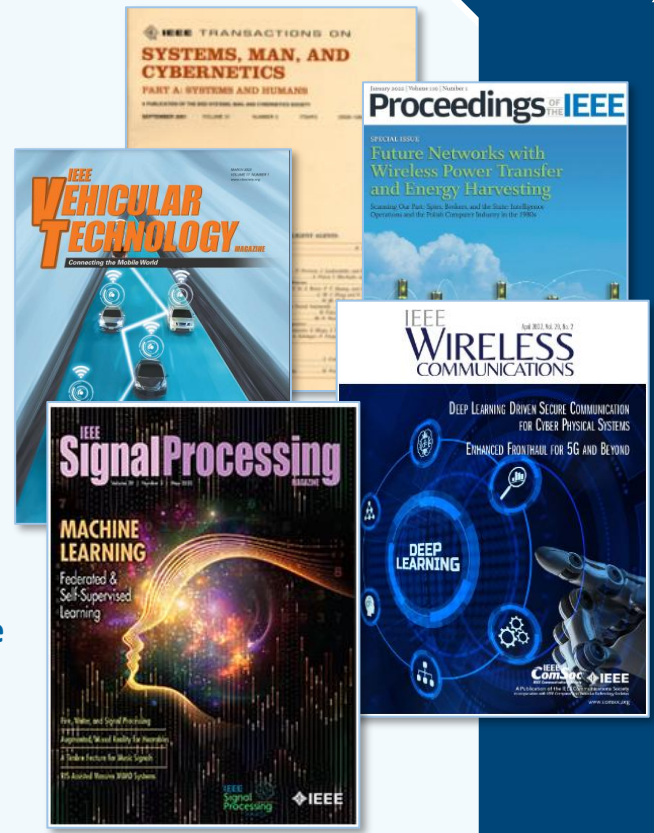
IEEE期刊在众多领域具有领先优势

IEEE journals score in top tier in latest Journal Citation Reports™

- 24 of the top 30 journals in **Electrical and Electronic Engineering**
- 23 of the top 30 journals in **Telecommunications**
- 9 of the top 20 journals in **Computer Science, Artificial Intelligence**
- 5 of the top 10 journals in **Computer Science, Information Systems**
- 3 of the top 5 journals in **Imaging Science**
- 3 of the top 5 journals in **Automation and Control systems**
- 3 of the top 5 journals in **Computer Science, Cybernetics**
- 3 of the top 5 journals in **Computer Science, Hardware & Architecture**

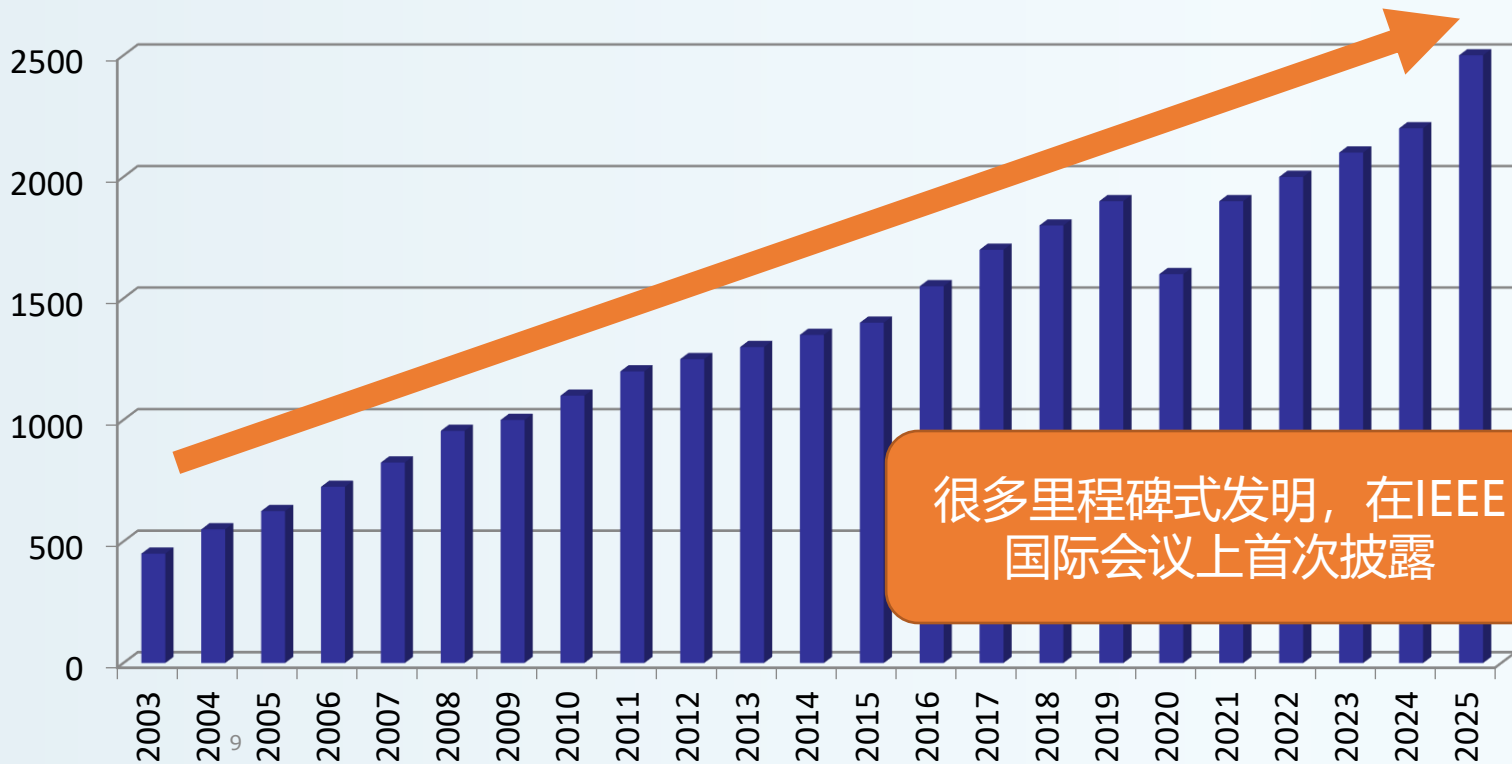
For more information, visit www.ieee.org/citations

* Source: 2024 Journal Citation Reports from Clarivate, released June 2025



IEEE国际会议 快速发布前沿技术

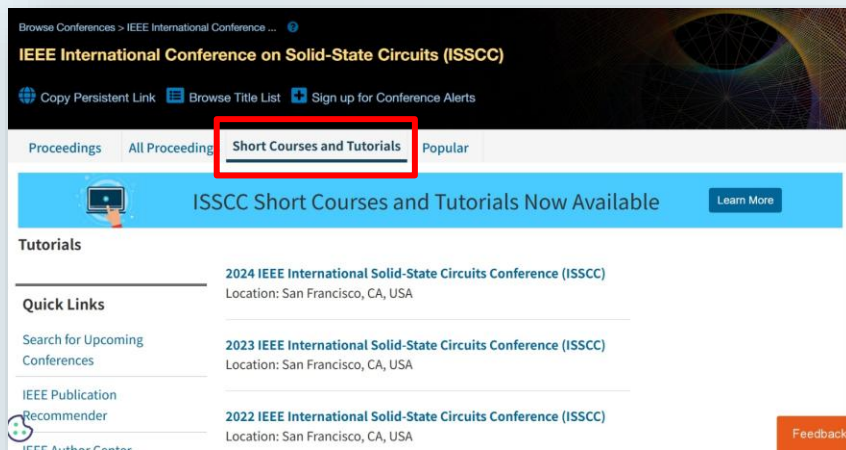
每年超过2,000 场会议； 有400+万会议论文收录于IEEE Xplore 中



ISSCC短课与教程在IEEE Xplore全新上线

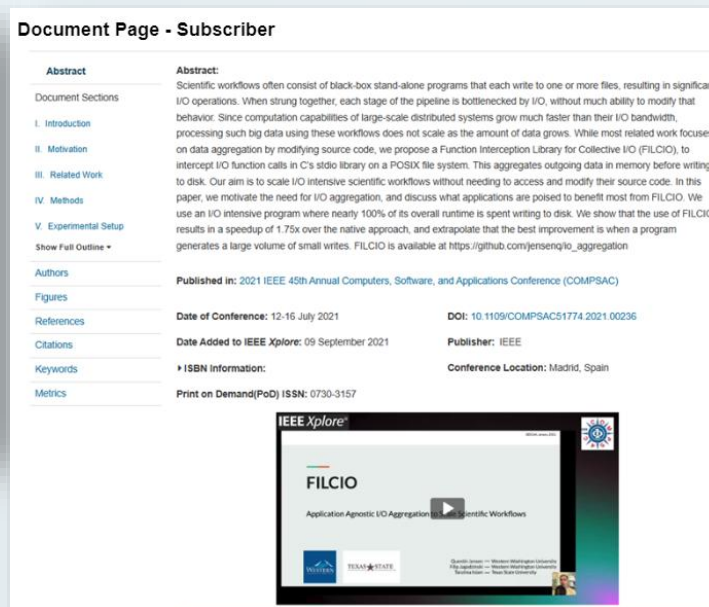
ISSCC - International Solid-State Circuits Conference

ISSCC Tutorial Landing Page



The screenshot shows the IEEE Xplore landing page for the ISSCC conference. At the top, there is a navigation bar with the conference title "IEEE International Conference on Solid-State Circuits (ISSCC)" and utility links like "Copy Persistent Link", "Browse Title List", and "Sign up for Conference Alerts". Below this is a horizontal menu with tabs for "Proceedings", "All Proceedings", "Short Courses and Tutorials" (highlighted with a red box), and "Popular". A blue banner below the menu reads "ISSCC Short Courses and Tutorials Now Available" with a "Learn More" button. The main content area is titled "Tutorials" and lists three items, each with the conference name and location: "2024 IEEE International Solid-State Circuits Conference (ISSCC) Location: San Francisco, CA, USA", "2023 IEEE International Solid-State Circuits Conference (ISSCC) Location: San Francisco, CA, USA", and "2022 IEEE International Solid-State Circuits Conference (ISSCC) Location: San Francisco, CA, USA". There are also "Quick Links" and "Feedback" buttons.

ISSCC Tutorial Document Page



The screenshot shows the document page for the "FILCIO" tutorial. The page title is "Document Page - Subscriber". The "Abstract" section contains the following text: "Scientific workflows often consist of black-box stand-alone programs that each write to one or more files, resulting in significant I/O operations. When strung together, each stage of the pipeline is bottlenecked by I/O, without much ability to modify that behavior. Since computation capabilities of large-scale distributed systems grow much faster than their I/O bandwidth, processing such big data using these workflows does not scale as the amount of data grows. While most related work focuses on data aggregation by modifying source code, we propose a Function Interception Library for Collective I/O (FILCIO), to intercept I/O function calls in C's stdio library on a POSIX file system. This aggregates outgoing data in memory before writing to disk. Our aim is to scale I/O intensive scientific workflows without needing to access and modify their source code. In this paper, we motivate the need for I/O aggregation, and discuss what applications are poised to benefit most from FILCIO. We use an I/O intensive program where nearly 100% of its overall runtime is spent writing to disk. We show that the use of FILCIO results in a speedup of 1.75x over the native approach, and extrapolate that the best improvement is when a program generates a large volume of small writes. FILCIO is available at https://github.com/jensenjo_io_aggregation". The "Document Sections" list includes: I. Introduction, II. Motivation, III. Related Work, IV. Methods, V. Experimental Setup, and Show Full Outline. The "Published in:" field indicates it was published in the "2021 IEEE 48th Annual Computers, Software, and Applications Conference (COMPSAC)". Other fields include "Date of Conference: 12-16 July 2021", "DOI: 10.1109/COMPSAC51774.2021.00236", "Date Added to IEEE Xplore: 09 September 2021", "Publisher: IEEE", "Keywords", "Conference Location: Madrid, Spain", and "Print on Demand(PoD) ISSN: 0730-3157". At the bottom, there is a video player for "FILCIO" with the subtitle "Application Agnostic I/O Aggregation for Scientific Workflows".

*Not included in IEL subscription

IEEE标准协会

IEEE Standards Association (IEEE-SA)

Vision 愿景

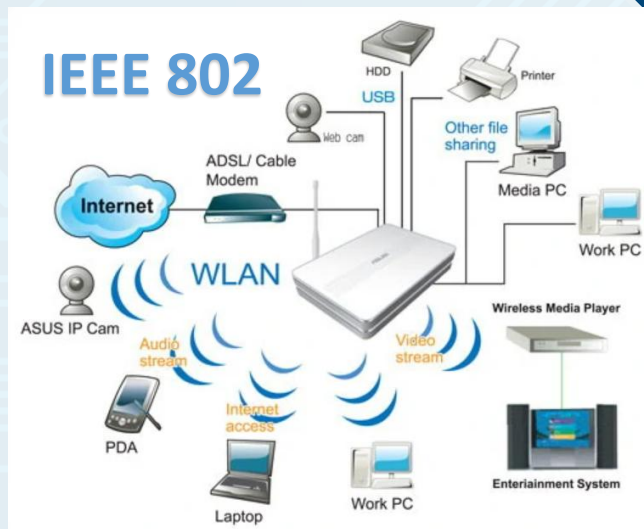
成为全球首选的高质量，市场驱动标准制订平台

Mission 使命

通过标准活动推动技术合作和经济发展

IEEE标准覆盖范围：

- Electromagnetic Compatibility
- Green Technology
- Ethernet/Wi-Fi
- Medical Device Communications
- Nanotechnology
- Organic Components
- Portable Battery Technology
- Power Electronics
- Power & Energy
- Radiation/Nuclear
- Reliability
- Transportation Technology



IEEE P7000™标准工作组

- ▶ 《人工智能设计的伦理准则》和IEEE全球倡议的成员启发和推动了IEEE P7000™标准工作组。该工作组对于任何人的加入都是自由开放的
 - IEEE P7000™ -解决系统设计中的伦理问题的建模过程
 - IEEE P7001™ -自主系统的透明性
 - IEEE P7002™ -数据隐私的处理
 - IEEE P7003™ -算法偏见的处理
 - IEEE P7004™ -儿童与学生数据治理标准
 - IEEE P7005™ -雇主数据治理标准
 - IEEE P7006™ -个人数据的AI代理标准
 - IEEE P7007™ -伦理驱动的机器人和自动化系统的本体标准
 - IEEE P7008™ -机器人、智能与自主系统中伦理驱动的助推标准
 - IEEE P7009™ -自主和半自主系统的失效安全设计标准
 - IEEE P7010™ -合乎伦理的人工智能与自主系统的福祉度量标准



IEEE Xplore 平台电子图书

平台有约8000本电子图书分别来自10余个出版社:

- 其中有大量来自顶尖出版的图书，它们与IEEE一贯坚持的宗旨相吻合，即为工程师们带去前沿且高质量的科研资讯以助力相应技术的发展；
- 同时，也为当代工程师及科研人员带去以下科技领域的资讯内容，如人工智能、智能电网、5G/6G、机器人、网络安全、增强现实技术、大数据、自动驾驶汽车等；
- 这些经过同行评审的高质量内容，在新增到IEEE Xplore平台前，会经由IEEE评审委员会审批；
- 这些电子图书由各领域的专家所著，包括著名的科学家，获奖作者及知名科研人员等，且大多具备雄厚的IEEE学会背景（如IEEE会士、IEEE编辑）；

专业书籍 领域综述 动态出版 及时更新

| 电子图书 | 简介 | 数量 | 回溯年份 |
|---|---|--------|------------------------------------|
|  <p>Princeton University Press eBooks Library</p> | <p>涵盖计算机科学、电气工程、数学、物理、天文学、教育以及科学史等学科领域。收录多位诺贝尔奖获得者著作，及众多获奖图书。</p> | 450+本 | 最早回溯到1945年 |
|  <p>Manning eBooks Library</p> | <p>聚焦于计算机科学、技术及相关领域，可以帮助计算机程序员、IT专业人员、本科生、研究生了解计算机科学、技术及相关领域的内容</p> | 500+本 | 所有内容均为2012年以后出版 |
|  <p>Artech House eBooks Library</p> | <p>覆盖通信、电子、光学、计算机、电力工程、生物医学工程等领域的研究。为师生、科研人员及工程师们提供通信及广泛工程领域的创新思维、实际应用及解决方案。</p> | 800+本 | 最早回溯到1999年，作者来自顶尖学府，约85%的作者为IEEE专家 |
|  <p>MIT Press eBooks Library</p> | <p>重点关注计算机和工程领域。包括实用手册，教科书以及专业参考书，重点突出应用研究。</p> | 1000+本 | 最早回溯到1943年，80%内容聚焦计算机相关领域 |

专业书籍 领域综述 动态出版 及时更新

| | 电子图书 | 简介 | 数量 | 回溯年份 |
|--|--|--|--------|-------------------------------|
|  | IEEE-Wiley eBooks Library | 覆盖 广泛科技工程 领域，包括实用手册、教科书，以及领先研究领域的专业参考书。 | 1300+本 | 最早回溯到1974，74%以上内容为2007以后出版 |
|  | IEEE-Wiley Telecommunications eBooks Library | 强调 电信 及相关领域的领先研究。 | 460+本 | 所有内容均为2007年以后出版 |
|  | Wiley Data and Cybersecurity eBooks Library | 聚焦于 数据隐私 、 网络安全 等领域下的相关主题。 | 240+本 | 最早回溯至2014年，82%的内容为2019以后出版 |
|  | Wiley Semiconductors eBooks Library | 聚焦 半导体 领域，包括半导体制造材料、设备、IC设计、验证、确认、制造和封装等主题。 | 380+本 | 均为2011年以后出版，2019年及以后的新书占比约54% |

专业书籍 领域综述 动态出版 及时更新



新

| 电子图书 | 简介 | 数量 | 回溯年份 |
|---|--|-------|-----------------|
| De Gruyter AI & Data Science eBooks Library | 覆盖 人工智能、机器学习、大数据、神经网络、数据科学、图像处理、物联网 等广泛主题，提供优质内容和解决方案，为当今的专业人士和学生提供来自世界顶级权威机构的前沿书籍。 | 200+本 | 所有内容均为2017年以后出版 |
| Wiley AI eBooks Library | 本合集提供了有关 人工智能 及相关领域的重要信息，如生成式AI、ChatGPT、机器学习、深度学习等，内容集中，适用于学生、研究人员、工程师和专业技术人员。 | 230+本 | 所有内容均为2019年以后出版 |

WILEY-AI

新

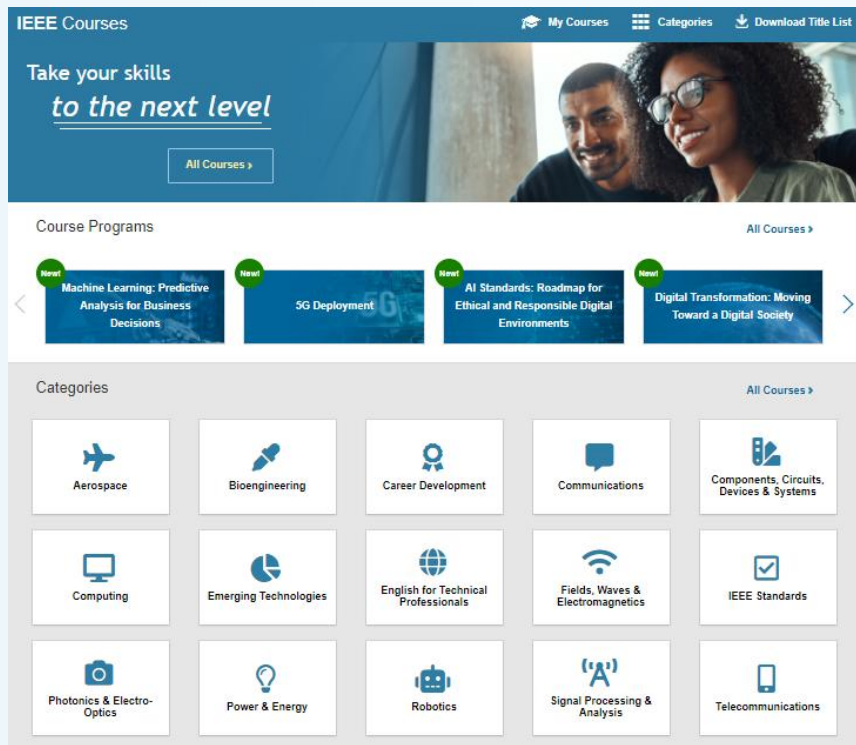
专业书籍 领域综述 动态出版 及时更新

<packt>

| 电子图书 | 简介 | 数量 | 回溯年份 |
|---|--|--------|-----------------|
|  Packt eBooks Library | 关注 计算机科学 及相关最新技术主题，包括计算机安全、物联网、云计算、网络、机器学习、硬件、软件工程、编程、移动应用程序和游戏开发等。 | 1100+本 | 所有内容均为2021年以后出版 |
|  新 | 涵盖广泛的 商业软件与企业技术 相关的高质量内容：包括编程、数据科学、UX/UI、云基础设施、AI、Windows 基础知识、DevOps 和 Microsoft 应用程序。 | 200+本 | 所有内容均为2016年以后出版 |
|  River Publishers eBooks Library | 内容覆盖 电路系统、信息科学与技术、网络安全和数字取证 等领域的最新研究。为工程和技术领域提供了强有力的理论支持和实践证明。 | 500+本 | 所有内容均为2015年以后出版 |
|  新 | 该电子图书合集精选了 实验力学 跨学科领域的基础研究与应用成果，涵盖本学科各主要分支方向。 | 230+本 | 所有内容均为2011年以后出版 |

IEEE前沿技术课程

IEEE提供数百个前沿技术课程，领域覆盖5G/6G、AI、IOT、Blockchain、Smart Grid等各个新兴领域，还涉及工程英语、职业发展等受欢迎主题。



The screenshot shows the IEEE Courses website interface. At the top, there's a navigation bar with 'IEEE Courses', 'My Courses', 'Categories', and 'Download Title List'. Below the navigation bar is a hero section with the text 'Take your skills to the next level' and a button for 'All Courses'. The main content area is divided into two sections: 'Course Programs' and 'Categories'. The 'Course Programs' section features four featured courses, each with a 'New!' badge: 'Machine Learning: Predictive Analysis for Business Decisions', '5G Deployment', 'AI Standards: Roadmap for Ethical and Responsible Digital Environments', and 'Digital Transformation: Moving Toward a Digital Society'. The 'Categories' section is a grid of 15 icons representing different fields: Aerospace, Bioengineering, Career Development, Communications, Components, Circuits, Devices & Systems, Computing, Emerging Technologies, English for Technical Professionals, Fields, Waves & Electromagnetics, IEEE Standards, Photonics & Electro-Optics, Power & Energy, Robotics, Signal Processing & Analysis, and Telecommunications.

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

近期课程项目速览



Artificial Intelligence and Machine Learning in Chip Design



AI Integration in Semiconductor Manufacturing



Integrating Edge AI and Advanced Nanotechnology in Semiconductor Applications



Battery Energy Storage Technologies and Applications

2024



Artificial Intelligence and Energy Use



Cloud Computing



Large-Language Models



Technical Writing

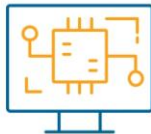
2025



AI Semiconductor Processors



Cybersecurity for Critical Infrastructure



AI Software



Topic Coming Soon

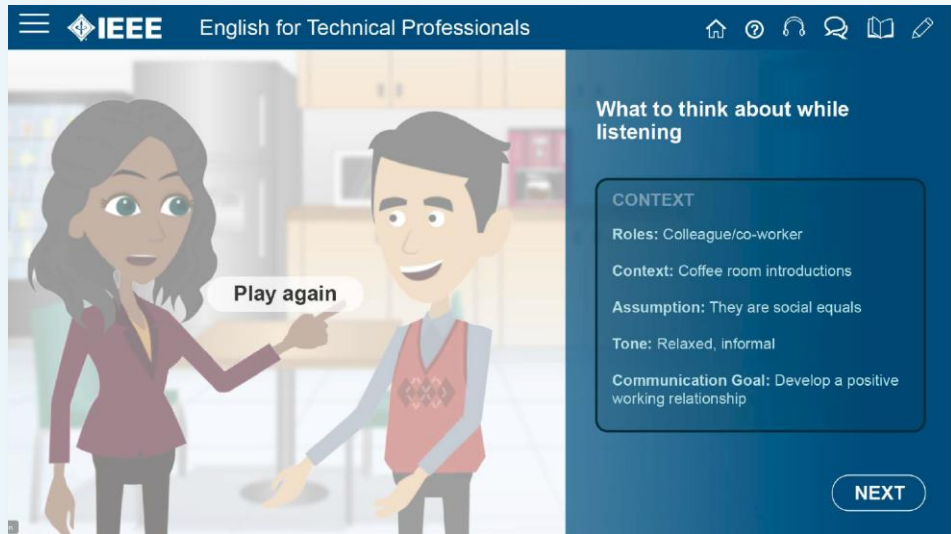
2026

IEEE专业技术英语- 掌握国际前沿技术的第一步

IEEE English for Technical Professionals

通过真实的职业场景与技术交流场景来培养英语沟通技巧

- ▶ 2020年推出听、说、读、写共14个模块
- ▶ 2021年增加口语反馈工具
- ✓ 跟随动画角色在职业场景中探索英语语言概念
- ✓ 听说读写全方位练习加强兴趣，巩固学习
- ✓ 阶段性测验与评估检验学习成果



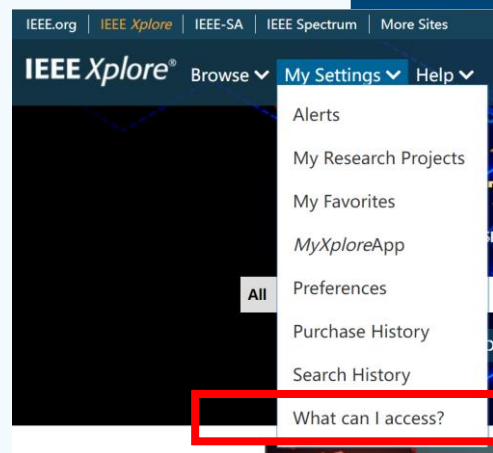
IEEE Xplore助力高效科研

IEEE Xplore 全文数据库

<https://ieeexplore.ieee.org>

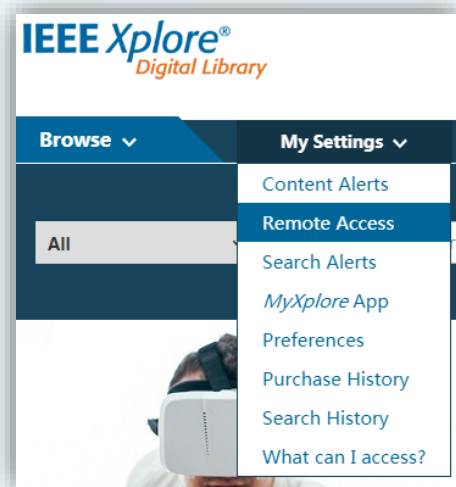
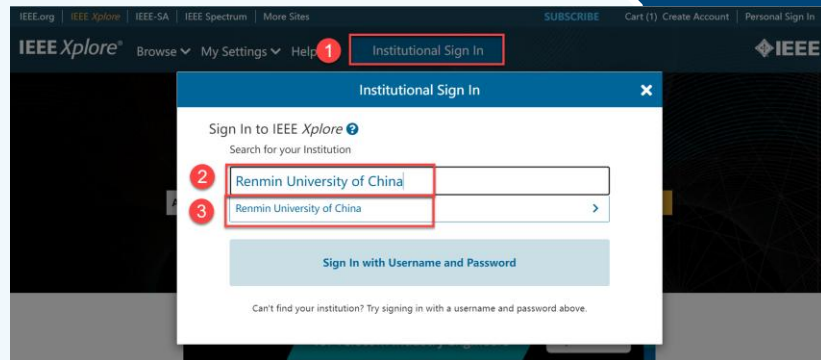
- ▶ 200+ IEEE期刊和杂志
- ▶ 2000+ IEEE会议录 (每年)
- ▶ 16000+ IEEE标准文档 (草案除外)
- ▶ IET、VDE会议录
- ▶ Bell Labs技术期刊
- ▶ IBM、MIT、AGU、URSI期刊
- ▶ (OA 期刊): TUP、CSEE、CPSS、CES、CMP、BIAI、SAIEE
- ▶ IEEE-Wiley、Wiley Telecom、Wiley Data & Cybersecurity、Wiley Semi、Wiley AI、MIT、Artech House、River、River SEM、Packt、Manning、PUP、De Gruyter AI 电子图书
- ▶ ISSCC Short Courses & Tutorials
- ▶ 在线技术课程

➔ IEEE Electronic Library (IEL) 数据库

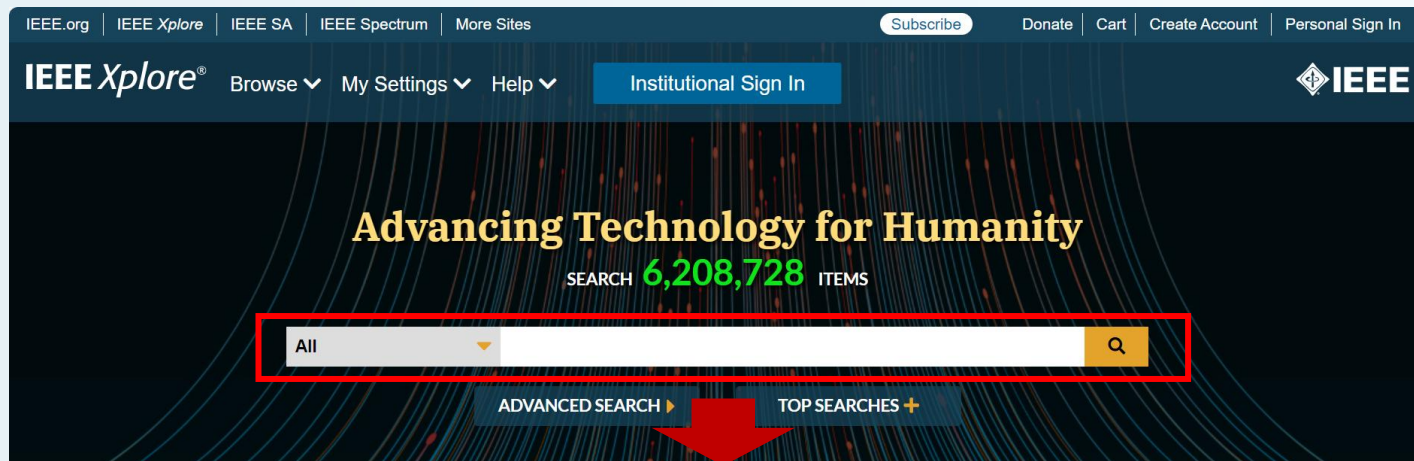


IEEE Xplore远程访问

- ▶ IEEE针对机构订购用户可以提供如下多种认证方式，帮助所有科研人员无障碍远程访问IEEE Xplore数据库资源：
 - CARSI: CERNET统一认证服务
 - IEEE Xplore内置远程登录(Remote Access)
 - VPN
 - 代理服务器/ (SSO) 单点登录



一框式检索核心技术

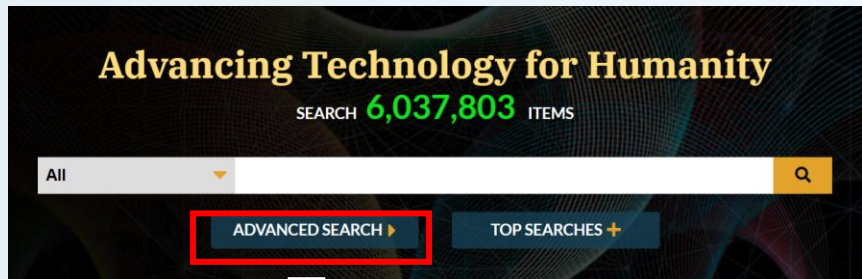


The screenshot shows the IEEE Xplore website interface. At the top, there are navigation links: IEEE.org, IEEE Xplore, IEEE SA, IEEE Spectrum, More Sites, Subscribe, Donate, Cart, Create Account, and Personal Sign In. Below this is the IEEE Xplore logo and a navigation menu with options: Browse, My Settings, Help, and Institutional Sign In. The main banner features the text "Advancing Technology for Humanity" and "SEARCH 6,208,728 ITEMS". A search bar is highlighted with a red box, containing a dropdown menu set to "All" and a search button with a magnifying glass icon. Below the search bar are two buttons: "ADVANCED SEARCH" and "TOP SEARCHES". A red arrow points from the search bar area down to the text below.

一框式检索(Global Search)

1. 默认检索内容: metadata only
2. 检索词不区分大小写, 检索运算全部大写
3. 检索词之间的默认关系: AND ie. smart grid= smart AND grid
4. 支持命令检索: ie. "Abstract":ofdm AND "Publication Title":communications
5. 自动获取词根: pluralized nouns, verb tenses, and British/American spelling variations
6. 模糊检索-使用*代表零至多个字母, ? 代表一个字母 ie. robot*
7. 精确检索-使用双引号: 词组、固定搭配 ie. "Power Consumption"

高级检索构建精准表达式



Advanced Search [?](#)

Advanced Search | Command Search | Citation Search

Enter keywords and select fields.

Search Term in All Metadata [?](#)

AND Search Term in All Metadata [↑](#) [×](#)

AND Search Term in All Metadata [↑](#) [×](#) [+](#)

Publication Year

Documents Added Between: 03/09/2022 and 03/16/2022

Specify Year Range

1884 2022

From 1884 To 2022

All Metadata [▼](#)

- All Metadata
- Full Text & Metadata
- Full Text Only
- Document Title
- Authors
- Publication Title
- Abstract
- Index Terms
- Accession Number
- Article Number
- Article Page Number
- Author Affiliations
- Author Keywords
- Author ORCID
- DOI
- Funding Agency
- IEEE Terms
- ISBN
- ISSN
- Issue

All Metadata [▼](#)

- Index Terms
- Accession Number
- Article Number
- Article Page Number
- Author Affiliations
- Author Keywords
- Author ORCID
- DOI
- Funding Agency
- IEEE Terms
- ISBN
- ISSN
- Issue
- Mesh_Terms
- Publication Number
- Publisher
- Parent Publication Number
- Standards Dictionary Terms
- Standards ICS Terms
- Standard Number

Learn more about the order of precedence for **Boolean operators** in IEEE Xplore search



检索结果页面：活用筛选条件 找到所需文献

Search within results 

Download PDFs

Items Per Page ▾

Export

Set Search Alerts

Search History

Showing 1-25 of 230,237 results for **Artificial Intelligence** ×

- Conferences (157,865)
- Journals (62,208)
- Magazines (4,859)
- Early Access Articles (2,827)
- Books (2,289)
- Standards (156)
- Courses (33)

快速筛选文献类型

Publications You May Be Interested In:

Hide Related Publications ▾



出版物推荐 (期刊、会议、电子图书等)

Search

Select All on Page

Sort By Relevance ▾

Documents Images(Beta)

Show

- All Results
- Subscribed Content 
- Open Access Only

Year ▾

How do we move towards true artificial intelligence 

Wei Liu; Guangda Zhuang; Xin Liu; Shaobo Hu; Ruilin He; Yuhu Wang
2021 IEEE 23rd Int Conf on High Performance Computing & Communications; 7th Int Conf on Data Science & Systems; 19th Int Conf on Smart City; 7th Int Conf on Dependability in Sensor, Cloud & Big Data Systems & Application (HPCC/DSS/SmartCity/DependSys)
Year: 2021 | Conference Paper | Publisher: IEEE
Cited by: Papers (10)

Abstract   

Construction of Enterprise Business Management Analysis Framework in the 

检索结果页面：了解技术整体研发情况

Search within results

Showing 1-25 of 230,237 results for **Artificial Intelligence** ×

Conferences (157,865) Journals (62,208) Magazines (4,859) Early Access Articles (2,827)
 Books (2,289) Standards (156) Courses (33)

| Author | Affiliation | Publication Title | Publication Topics |
|--|---|--|--|
| <input type="text" value="Enter Author Name"/> | <input type="text" value="Enter Affiliation"/> | <input type="text" value="Enter Title"/> | <input type="text" value="Enter Topics"/> |
| <input type="checkbox"/> Wei Wang (519) | <input type="checkbox"/> School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore (334) | <input type="checkbox"/> IEEE Access (20,116) | <input type="checkbox"/> learning (artificial intelligence) (181,546) |
| <input type="checkbox"/> Lei Zhang (459) | <input type="checkbox"/> School of Computer Science and Engineering, Nanyang Technological University, Singapore (278) | <input type="checkbox"/> IEEE Transactions on Pattern Analysis and Machine Intelligence (2,446) | <input type="checkbox"/> neural nets (39,699) |
| <input type="checkbox"/> Yang Liu (413) | <input type="checkbox"/> Artificial Intelligence Lab., MIT, Cambridge, MA, USA (239) | <input type="checkbox"/> IEEE Transactions on Image Processing (2,385) | <input type="checkbox"/> feature extraction (37,181) |
| <input type="checkbox"/> Lei Wang (375) | <input type="checkbox"/> School of Computer Science and Engineering, South China University of Technology, Guangzhou, China (213) | <input type="checkbox"/> 2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce (AIMSEC) (1,874) | <input type="checkbox"/> pattern classification (26,636) |
| <input type="checkbox"/> Wei Zhang (373) | <input type="checkbox"/> School of Computer Science and Engineering, Nanjing University of Science and Technology, Nanjing, China (202) | <input type="checkbox"/> IEEE Transactions on Neural Networks and Learning Systems (1,724) | <input type="checkbox"/> image classification (25,102) |
| <input type="checkbox"/> Dacheng Tao (351) | <input type="checkbox"/> School of Electrical and Information Engineering, Tianjin University, Tianjin | <input type="checkbox"/> IEEE Transactions on Neural Networks (1,625) | <input type="checkbox"/> convolutional neural nets (18,228) |
| <input type="checkbox"/> Wei Li (350) | | <input type="checkbox"/> IEEE Transactions on Cybernetics (1,148) | <input type="checkbox"/> support vector machines (15,411) |
| <input type="checkbox"/> Nanning Zheng (340) | | <input type="checkbox"/> 2021 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) (1,056) | <input type="checkbox"/> ontologies (artificial intelligence) (14,638) |
| <input type="checkbox"/> Jun Wang (320) | | | <input type="checkbox"/> optimisation (13,983) |
| <input type="checkbox"/> Jun Zhang (318) | | | <input type="checkbox"/> object detection (13,452) |
| <input type="checkbox"/> Wei Liu (314) | | | <input type="checkbox"/> data mining (12,802) |
| <input type="checkbox"/> Xuelong Li (313) | | | <input type="checkbox"/> image segmentation (12,552) |
| <input type="checkbox"/> Yang Yang (311) | | | |
| <input type="checkbox"/> Yu Wang (295) | | | |
| <input type="checkbox"/> Jun Li (279) | | | |
| <input type="checkbox"/> Licheng Jiao (279) | | | |
| <input type="checkbox"/> Jie Zhang (262) | | | |


Search Selected Show

All Results
 Subscribed Content
 Open Access Only




Year
Author
Affiliation
Publication Title
Publisher

辅助材料：多媒体、会议视频、代码、数据和沉浸互动文章

- Author ▼
- Affiliation ▼
- Publication Title ▼
- Publisher ▼
- Supplemental Items** ▲
 - Media (57,329)
 - Datasets (1,193)
 - Video (1,183)
 - Code (566)
 - Immersive Articles (2)
- Conference Location ▼
- Standard Status ▼
- Standard Type ▼

A Voting-Mechanism based Ensemble Framework for Constraint Handling Techniques 


Guohua Wu; Xupeng Wen; Ling Wang; Witold Pedrycz; P. N. Suganthan
IEEE Transactions on Evolutionary Computation
Year: 2021 | Early Access Article | Publisher: IEEE


▶ Abstract   **Media**  File Cabinet

多媒体数据











Media




Description 



This is the supplementary file of the article “A Voting-Mechanism based Ensemble Framework for Constraint Handling Techniques” published in IEEE Transactions on Evolutionary Computation. This file contains two parts. One part includes the details of the 57 real-world constrained optimization problems, which are used in Section IV in the manuscript. Another part is the experimental results, including the best/mean/median values of the ten comparison algorithms on the 57 real-world constrained optimization problems, as the supplementary data of Table I and Table II in the manuscript.

辅助材料：多媒体、会议视频、代码、数据和沉浸互动文章

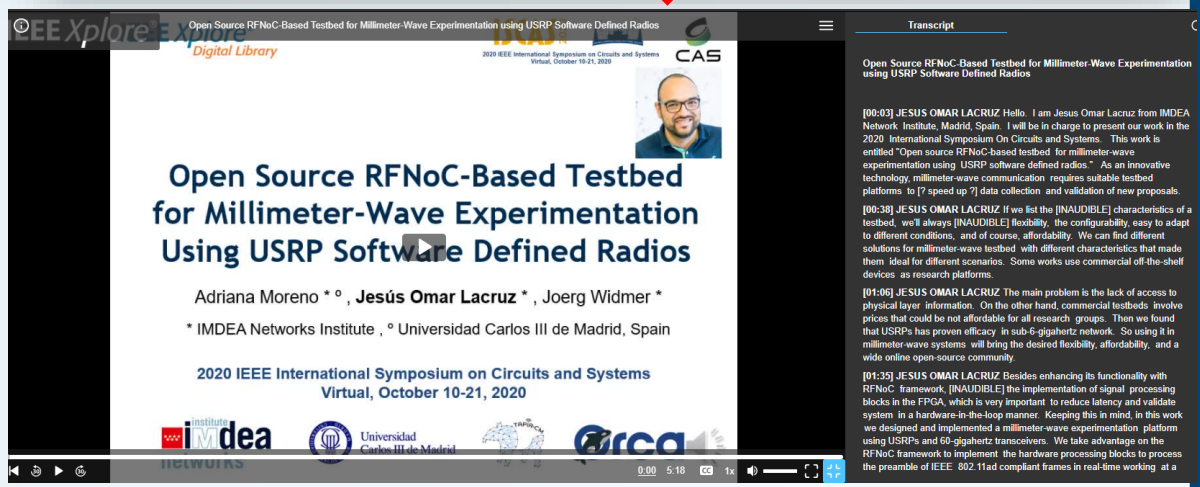
- Author 
- Affiliation 
- Publication Title 
- Publisher 
- Supplemental Items** 
- Media (57,329)
- Datasets (1,193)
- Video (1,183)
- Code (566)
- Immersive Articles (2)
- Conference Location 
- Standard Status 
- Standard Type 

SR Latch: The Wrong Introduction to Digital Memory 

Abdulahdi Shoufan
2020 IEEE International Symposium on Circuits and Systems (ISCAS)
Year: 2020 | Conference Paper | Publisher: IEEE

[▶ Abstract](#) [\(\(html\)\)](#)  (128 Kb)  **▶ Video**

会议视频



Open Source RFNoC-Based Testbed for Millimeter-Wave Experimentation using USRP Software Defined Radios

2020 IEEE International Symposium on Circuits and Systems Virtual, October 10-21, 2020

Open Source RFNoC-Based Testbed for Millimeter-Wave Experimentation Using USRP Software Defined Radios

Adriana Moreno * , Jesús Omar Lacruz * , Joerg Widmer *
* IMDEA Networks Institute , * Universidad Carlos III de Madrid, Spain

2020 IEEE International Symposium on Circuits and Systems Virtual, October 10-21, 2020

Transcript

Open Source RFNoC-Based Testbed for Millimeter-Wave Experimentation using USRP Software Defined Radios

[00:03] JESUS OMAR LACRUZ Hello I am Jesus Omar Lacruz from IMDEA Network Institute, Madrid, Spain. I will be in charge to present our work in the 2020 International Symposium On Circuits and Systems. This work is entitled "Open source RFNoC-based testbed for millimeter-wave experimentation using USRP software defined radios". As an innovative technology, millimeter-wave communication requires suitable testbed platforms to [? speed up ?] data collection and validation of new proposals.

[00:38] JESUS OMAR LACRUZ If we list the [INAUDIBLE] characteristics of a testbed, we'll always [INAUDIBLE] flexibility, the configurability, easy to adapt to different conditions, and of course, affordability. We can find different solutions for millimeter-wave testbed with different characteristics that made them ideal for different scenarios. Some works use commercial off-the-shelf devices as research platforms.

[01:06] JESUS OMAR LACRUZ The main problem is the lack of access to physical layer information. On the other hand, commercial testbeds involve prices that could be not affordable for all research groups. Then we found that USRPs has proven efficacy in sub-6-gigahertz network. So using it in millimeter-wave systems will bring the desired flexibility, affordability, and a wide online open-source community.

[01:35] JESUS OMAR LACRUZ Besides enhancing its functionality with RFNoC framework, [INAUDIBLE] the implementation of signal processing blocks in the FPGA, which is very important to reduce latency and validate system in a hardware-in-the-loop manner. Keeping this in mind, in this work we designed and implemented a millimeter-wave experimentation platform using USRPs and 60-gigahertz transceivers. We take advantage on the RFNoC framework to implement the hardware processing blocks to process the preamble of IEEE 802.11ad compliant frames in real-time working at a

辅助材料：多媒体、会议视频、代码、数据和沉浸互动文章

| | |
|--|---|
| Author | ▼ |
| Affiliation | ▼ |
| Publication Title | ▼ |
| Publisher | ▼ |
| Supplemental Items | ▲ |
| <input type="checkbox"/> Media (57,329) <input type="checkbox"/> Datasets (1,193) <input type="checkbox"/> Video (1,183) <input type="checkbox"/> Code (566) <input type="checkbox"/> Immersive Articles (2) | |
| Conference Location | ▼ |
| Standard Status | ▼ |
| Standard Type | ▼ |

Multi-Modal Remote Sensing Image Matching Considering Co-Occurrence Filter 

Yongxiang Yao; Yongjun Zhang; Yi Wan; Xinyi Liu; Xiaohu Yan; Jiayuan Li
 IEEE Transactions on Image Processing
 Year: 2022 | Volume: 31 | Journal Article | Publisher: IEEE

[▶ Abstract](#)
[HTML](#)



[Datasets](#)


数据

Datasets

Standard Dataset

COFSM



Citation Author(s): Yongxiang Yao
Yongjun Zhang
Submitted by: Yongxiang Yao
Last updated: Fri, 03/11/2022 - 01:24
DOI: 10.21227/2raa-sp12
License: Creative Commons Attribution 

33 Views
 Categories: Image Processing
 Keywords: Multi-modal Remote Sensing Image; Matching; Co-occurrence Filter; New image gradient

☆☆☆☆☆ 0 ratings - Please [login](#) to submit your rating.

[ACCESS DATASET](#)
[CITE](#)
[SHARE/EMBED](#)

ABSTRACT
 This CoFSM dataset contains the supplemental material of TIP3157450 (Multimodal remote sensing image datasets). The CoFSM dataset contains six types of modal images (multi temporal-optical, infrared-optical, depth-optical, map-optical, SAR-optical and night-day). Each modal type includes 10 groups of images, and each set of images has corresponding ground truth points. These ground truth data are stored in the "Ground_truth" folder. For more details, see the following URL link <https://skyearth.org/publication/project/CoFSM/>.

Instructions:
 Introduction of the CoFSM dataset:
 This CoFSM dataset contains the supplemental material of TIP3157450 (Multimodal remote sensing image datasets). The CoFSM dataset contains six types of modal images (multi temporal-optical, infrared-optical, depth-optical, map-optical, SAR-optical and night-day). Each modal type includes 10 groups of images, and each set of images has corresponding ground truth points. These ground truth data are stored in the "Ground_truth" folder.
 ☐ CoFSM dataset of Multimodal remote sensing image
 -from "Multi-modal Remote Sensing Image Matching Considering Co-occurrence Filter", to be published in IEEE Transactions on Image Processing.
 Dataset introduction:
 It contains 6 multi-modal data types:
 1->optical-optical include 10 sets of images;

DATASET FILES
 • CoFSM dataset: contains multi-modal images data CoFSM.zip (37.48 MB)
[LOGIN TO ACCESS DATASET FILES](#)

DOCUMENTATION
[Introduction to the "CoFSM" dataset](#) (16.09 KB)

QUESTIONS?
[Login to Send Author a Private Message](#)
[Report a problem with this Dataset](#)

辅助材料：多媒体、会议视频、代码、数据和沉浸互动文章

- Author
- Affiliation
- Publication Title
- Publisher
- Supplemental Items**
- Media (57,329)
- Datasets (1,193)
- Video (1,183)
- Code (566)
- Immersive Articles (2)
- Conference Location
- Standard Status
- Standard Type

A Novel Mean-Shift Algorithm for Data Clustering

Claude Cariou; Steven Le Moan; Kacem Chehdi

IEEE Access

Year: 2022 | Volume: 10 | Journal Article | Publisher: IEEE


[Abstract](#) [HTML](#)   [Code](#)

代码

Code & Datasets

[Code](#) [Dataset](#)

This article includes code hosted on Code Ocean, a computational reproducibility platform that allows users to view, modify, run, and download code included with IEEE Xplore articles. NOTE: A Code Ocean user account is required to access functionality in the capsule below.

Code:  MATLAB Robust MeanShift clustering algorithm

Robust MeanShift clustering algorithm (Claude Cariou)

[Edit Capsule](#) [Share](#) [Sign Up](#)

| Files | Size | Status |
|-----------------------|----------|--------|
| Core Files | | |
| metadata | 391 B | ✓ |
| environment | 199 B | ✓ |
| code | 4.74 KB | ✓ |
| LICENSE | 1.11 KB | ✓ |
| NN_RMS_wv_search_co.m | 3.01 KB | ✓ |
| NN_RMSdemo.m | 435 B | ✓ |
| run | 191 B | ✓ |
| data Manage Datasets | 0 B | ✓ |
| Results | | |
| results | 92.52 KB | |
| Other Files | | |

Metadata

Computer Science **Robust MeanShift clustering algorithm**
Claude Cariou

A data clustering algorithm which mixes the classical Mean-Shift algorithm an its blurring version, and uses a nearest neighbor (NN) search. The only parameter is K, the number of NNs.

[Clustering](#) [Data Mining](#) [meanshift](#)

辅助材料：多媒体、会议视频、代码、数据和沉浸互动文章

- Author ▼

- Affiliation ▼

- Publication Title ▼

- Publisher ▼

- Supplemental Items ▲

- Media (57,329)
- Datasets (1,193)
- Video (1,183)
- Code (566)
- Immersive Articles (2)

- Conference Location ▼

- Standard Status ▼

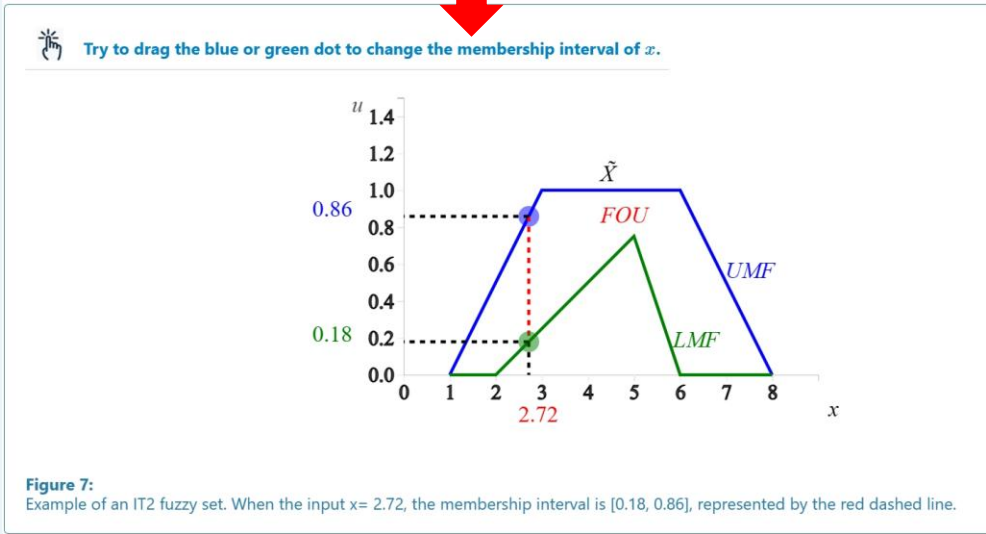
- Standard Type ▼

Type-1 and Interval Type-2 Fuzzy Systems [AI- eXplained] 🔒

Dongrui Wu; Ruimin Peng; Jerry M. Mendel
 IEEE Computational Intelligence Magazine
 Year: 2023 | Volume: 18, Issue: 1 | Magazine Article | Publisher: IEEE
 Cited by: Papers (8)

Abstract
 HTML
 PDF
 CC
 

沉浸互动模式



检索结果页面：寻找权威/热门文章

Search within results 

Download PDFs

Items Per Page ▾

Export

Showing 1-25 of 230,237 results for **Artificial Intelligence** ×

Conferences (157,865)

Journals (62,208)

Magazines (4,859)

Early Access

Books (2,289)

Standards (156)

Courses (33)



Search

Documents

Images(Beta)

Show

- All Results
- Subscribed Content 
- Open Access Only

Year



Author



Select All on Page

How do we move towards true artificial intelligence

Wei Liu; Guangda Zhuang; Xin Liu; Shaobo Hu; Ruilin He; Yuhu Wang

2021 IEEE 23rd Int Conf on High Perform & Systems; 19th Int Conf on Smart C

& Application (HPCC/DSS/SmartCity/DependSec)

Year: 2021 | Conference Paper | Pub

Cited by: Papers (10)

Abstract

HTML



Sort By Relevance ▾

Relevance

Newest

Oldest

Most Cited By Papers

Most Cited By Patents

Most Popular

Publication Title A-Z

Publication Title Z-A

被引用最多的高影响力文献

被下载最多的热门文献

Construction of Enterprise Business Management Analysis Framework in the



Image Search (Beta)

- ▶ 图像搜索是IEEE *Xplore* 的一项新功能，可获取期刊和会议论文中的相关图像、图表、原理图、流程图等。
- ▶ 图像搜索目前仅提供给IEL用户。使用者需在登录机构订阅的情况下，才能使用图像搜索。
- ▶ 用户可以对图像元数据进行关键词搜索。
- ▶ 搜索结果页面将显示图像。
- ▶ 根据图像元数据的关键词匹配来检索图像并对其进行排名。

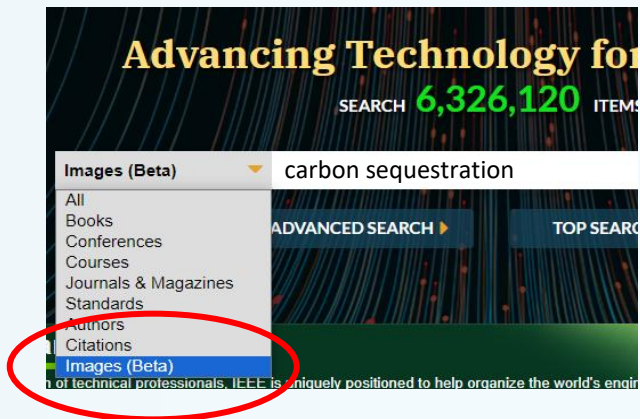
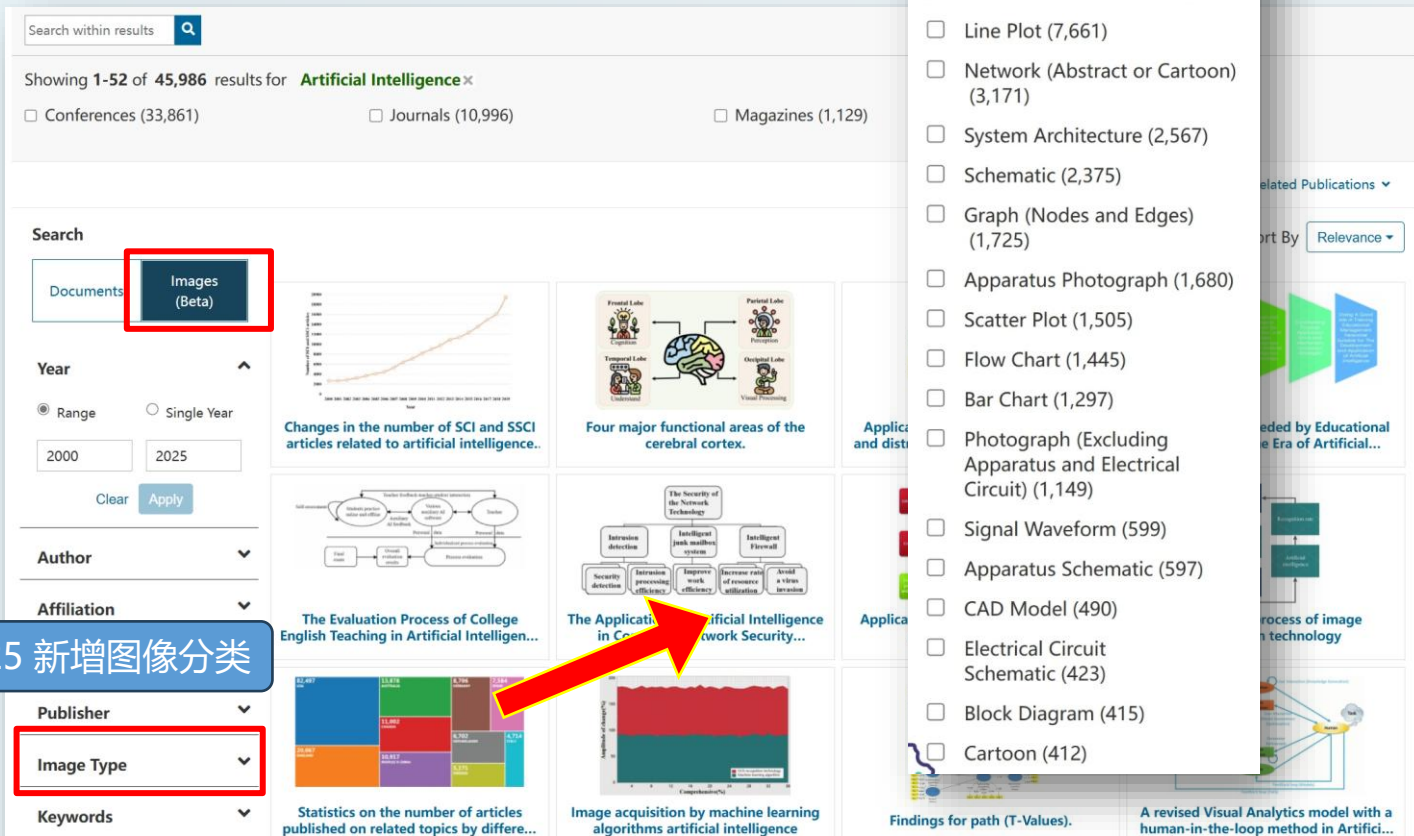


Image Search (Beta)

▶ 图像搜索还可以在文章搜索结果页面进行切换



The screenshot shows the IEEE Xplore search results page for 'Artificial Intelligence'. The search bar indicates 'Showing 1-52 of 45,986 results for Artificial Intelligence'. Below the search bar, there are filters for 'Conferences (33,861)', 'Journals (10,996)', and 'Magazines (1,129)'. The search filters on the left include 'Documents', 'Images (Beta)', 'Year' (Range/Single Year), 'Author', 'Affiliation', 'Publisher', 'Image Type', and 'Keywords'. The 'Image Type' filter is highlighted with a red box, and a dropdown menu is open, listing various image types with their respective counts. A red arrow points from the 'Image Type' filter to the 'The Application of Artificial Intelligence in Cyber Network Security...' article thumbnail.

Image Type

- Enter Image Type ?
- Line Plot (7,661)
- Network (Abstract or Cartoon) (3,171)
- System Architecture (2,567)
- Schematic (2,375)
- Graph (Nodes and Edges) (1,725)
- Apparatus Photograph (1,680)
- Scatter Plot (1,505)
- Flow Chart (1,445)
- Bar Chart (1,297)
- Photograph (Excluding Apparatus and Electrical Circuit) (1,149)
- Signal Waveform (599)
- Apparatus Schematic (597)
- CAD Model (490)
- Electrical Circuit Schematic (423)
- Block Diagram (415)
- Cartoon (412)

2025 新增图像分类

Search within results

Showing 1-52 of 45,986 results for **Artificial Intelligence** ×

Conferences (33,861) Journals (10,996) Magazines (1,129)

Search

Documents **Images (Beta)**

Year ^

Range Single Year

2000 2025

Clear

Author v

Affiliation v

Publisher v

Image Type v

Keywords v

Changes in the number of SCI and SSCI articles related to artificial intelligence...

Four major functional areas of the cerebral cortex.

The Evaluation Process of College English Teaching in Artificial Intelligen...

The Application of Artificial Intelligence in Cyber Network Security...

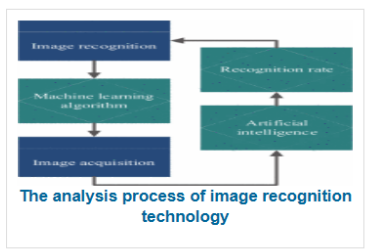
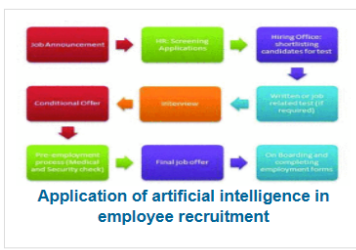
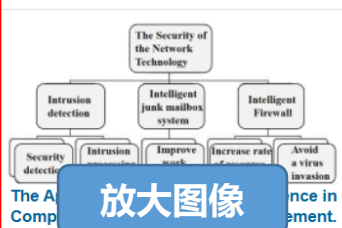
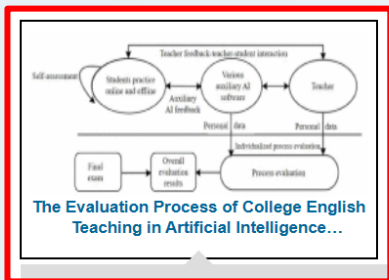
Statistics on the number of articles published on related topics by diffe...

Image acquisition by machine learning algorithms artificial intelligence

Findings for path (T-Values).

A revised Visual Analytics model with a human-in-the-loop method in Artifici...

Image Search (Beta)



放大图像



Research on College English Teaching Mode Based on Artificial Intelligence

Ma Yuan

2021



2021 International Conference on Big Data Analysis and Computer Science (BDACS)

Abstract

With the continuous development of the times, one of the major challenges facing college English in China is how to reduce or eliminate "dumb English". Over the years, with the continuous progress of artificial intelligence technology, it has been deeply explored in different fields and levels, such as the understanding of language knowledge or the cognition of images. However, how artificial inte...

Show in Context

查看原文

82,497

13,878

9,796

3,584

200

150

100



Knowledge Graph

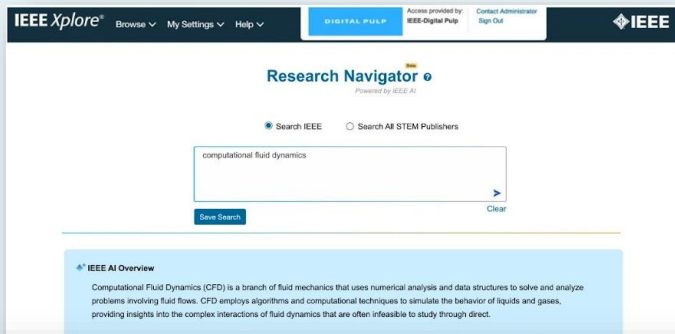


Logistics Diagram

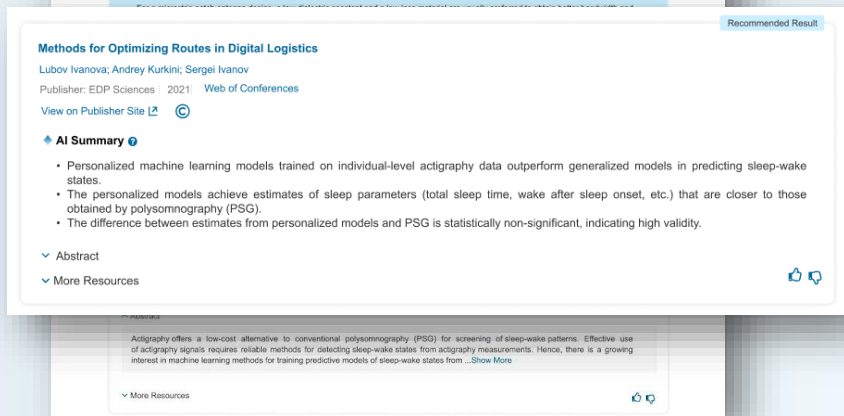
Feedback

IEEE AI: Research Navigator

Coming soon

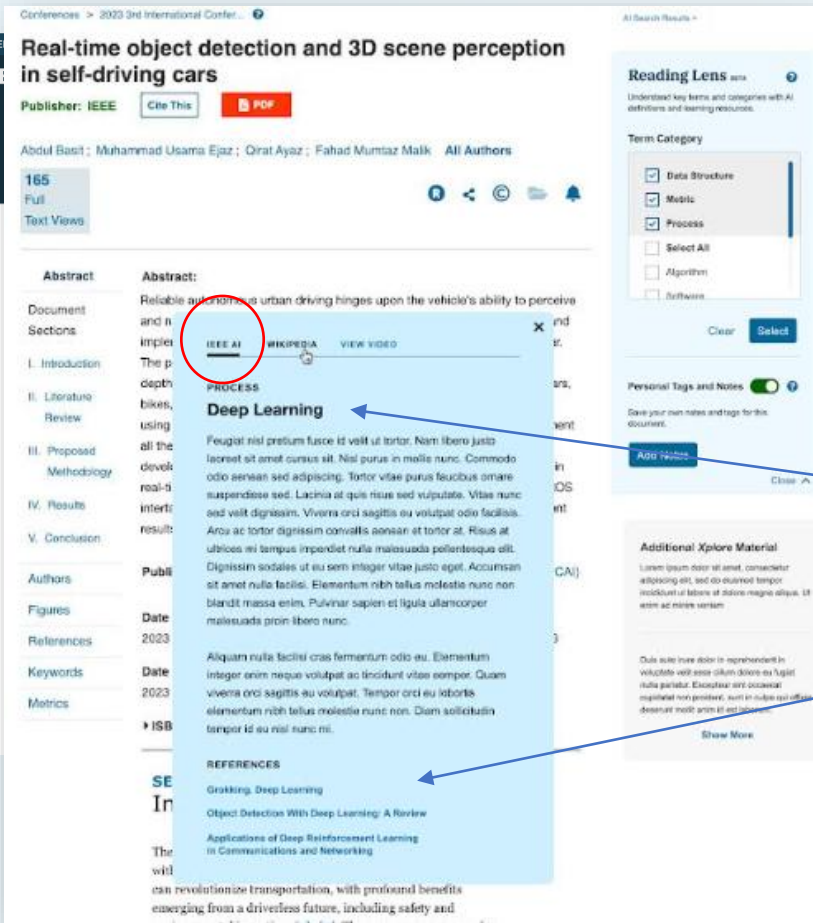


- Research Navigator 由 IEEE AI 搜索驱动，为 IEEE 和其他 STEM 出版商发表的期刊和会议论文提供了一框式AI搜索。
- 此 AI 搜索功能支持自然语言提问、长文本搜索等各种类型的搜索，为用户提供无缝体验。
- 在搜索结果的顶部，“IEEE AI Overview”将显示 IEEE 大型语言模型（LLM）对用户查询的整体响应。
- 在每个搜索结果下，亦有 AI 生成的文章总结，以使用户可以快速了解被检文章。



IEEE AI: Reading Lens

Coming soon



The screenshot displays the IEEE AI Reading Lens interface. The main content area shows the abstract of a paper titled "Real-time object detection and 3D scene perception in self-driving cars". A sidebar on the right, titled "Reading Lens", provides AI-generated insights. It includes a "Term Category" section with a list of categories: Data Structure, Metric, Process, Select All, Algorithm, and Software. Below this is a "Personal Tags and Notes" section with an "Add Notes" button. At the bottom of the sidebar is an "Additional Explore Material" section. A red circle highlights the "IEEE AI" and "WIKIPEDIA" links in the sidebar. A blue arrow points from the "Deep Learning" term in the sidebar to the "REFERENCES" section of the abstract, which lists "Grakling, Deep Learning" and "Object Detection With Deep Learning: A Review".

Reading Lens 为快速提取与了解文章重点提供帮助。

IEEE AI 模型搜寻并突出显示 50+ 个类别（如算法、硬件、程序设计语言等）下的关键术语。

对于每个突出显示的关键术语，IEEE 大型语言模型（IEEE LLM）经由在 IEEE 文章上的训练，为其生成 AI 定义，为用户提供了简洁的技术信息。

生成的文本末尾还将提供三个 IEEE 参考文献，以使用户可以阅读源材料。

IEEE 拥抱开放科学

IEEE 开放科学解决方案



开放研究中的代码

免费上传代码，用户无需订阅即可访问代码

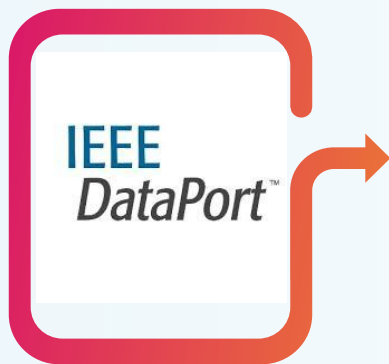
FREE



开放研究预印本

在同行评议之前发布早期和完全开放版本的文章

FREE



开放研究中的数据

发布与研究相关的大型数据集



IEEE开放获取期刊

IEEE拥有30+种完全开放获取期刊供作者选择

可与其他学术平台集成的在线代码可再现性平台。

- 作者可以在可运算环境发布代码和算法
- Code Ocean插件直接集成在IEEE Xplore文章细节页面
- 用户/读者可以基于他人发布的代码进一步演算
- 用户获得与原始作者相同的运算环境，无需额外设置和安装
- 用户可以使用一系列配套工具：Jupyter, Code versioning, collaboration, flexible computing等
- 您也可以导出该代码集，在Code Ocean之外的平台运行。这是一个开放平台
- 发布的代码集带有DOI，属OA资源
- 代码和算法现在可以进行同行评审

Code Ocean

Publisher: IEEE

Cite This

PDF

Code Available

Burak Ozpoyraz; Ibrahim Yildirim; Ertugrul Basar All Authors

226
Full
Text Views

文章细节页面

Abstract

Document Sections

- I. Introduction
- II. System Model
- III. Performance Analysis
- IV. Simulation Results
- V. Conclusion

Abstract:

In this paper, we propose a physical layer security scheme that exploits a novel index modulation (IM) technique for coordinate interleaved orthogonal designs (CIOD). Utilizing the diversity gain of CIOD transmission, the proposed scheme, named CIOD-IM, provides an improved spectral efficiency by means of IM. In order to provide a satisfactory secrecy rate, we design a particular artificial noise matrix, which does not affect the performance of the legitimate receiver, while deteriorating the performance of the eavesdropper. We derive expressions of the ergodic secrecy rate and the theoretical bit error rate upper bound. In addition, we analyze the case of imperfect channel estimation by taking practical concerns into consideration. It is shown via computer simulations that the proposed scheme outperforms the existing IM-based schemes and might be a candidate for future secure communication systems.

Code & Datasets

Code Dataset

This article includes code hosted on Code Ocean, a computational reproducibility platform that allows users to view, modify, run, and download code included with IEEE Xplore articles. NOTE: A Code Ocean user account is required to access functionality in the capsule below.

Code: MATLAB Index Modulation Based Coordinate Interleaved Orthogonal Designs

```
1 clear all;
2 c1c;
3
4 num_iterations = 1e4;
5 N = 4;
6 M = 4;
7 P_tot_des = 1;
8 alpha = 0.5;
9 sigma2 = 0;
10 SNRdB = 10;
11 mod_type = "PSK";
12 [BER_bob, BER_eve, error_bob, error_eve] = ...
13   CIOD_IM_BER(num_iterations, N, M, P_tot_des, alpha, sigma2,
14   SNRdB, mod_type);
15 fprintf("Bob's BER = %1.6f\n", BER_bob);
16 fprintf("Eve's BER = %1.6f\n", BER_eve);
17 fprintf("Number of Bob's Bit Errors = %d\n", error_bob);
18 fprintf("Number of Eve's Bit Errors = %d\n", error_eve);
```

IEEE Dataport

<https://iee-dataport.org/>

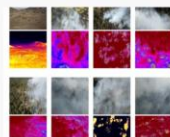
一个基于web的云服务平台，支持全球技术社区的数据需求

- 每个数据集可无限期存储多个数据文件，个人用户上限2TB，机构用户上限10TB
- 为机构用户开通数据AI功能
- 数据集可以链接到Xplore文章
- 数据集带有DOI
- 可以制定引文并以多种格式提供给用户
- 与ORCID集成，用户可以选择将IEEE DataPort数据集自动添加到他们的ORCID资产列表中
- 可以存储和链接相关文档——脚本、可视化文件、相关文档

Datasets

Open Access

@ FLAME 2: Fire detection and modeLing: Aerial Multi-spectral image dataset



Average: 3.9 (1448 votes)

Citation Author(s):

Bryce Hopkins (Clemson University)
Leo O'Neill (Northern Arizona University)
Fatemeh Afghah (Clemson University)
Abolfazl Razi (Clemson University)
Eric Rowell (Desert Research Institute)
Adam Watts (USDA Forest Services)
Peter Fule (Northern Arizona University)
Janice Coen (National Center for Atmospheric Research)

Submitted by:

IS-WIN Lab

Last updated:

Sat, 04/18/2026 - 04:39

DOI:

10.21227/swyw-6j78

Data Format:

.mp4; .jpg; .laz; .pdf; .txt

32370 views

20 downloads

Categories:

Artificial Intelligence
Machine Learning
Image Fusion
Image Processing
Computer Vision
Climate Change/Environmental
Geoscience and Remote Sensing
Remote Sensing

Keywords:

Fire; Fire detection; Fire segmentation; Fire prevention; Pile Burn; Wildfire; Prescribed burn; Unmanned Aerial Vehicles; UAVs; UAV; Drones; Thermal; Dual Spectral; Aerial Imagery; Computer Vision; Image Processing; Machine Learning; FLAME; FLAME 2

新增AI功能

AI-Powered Dataset Intelligence

FLAME 2 is a comprehensive aerial multi-spectral imagery dataset for wildfire detection, containing 53,541 expertly-labeled RGB/IR frame pairs captured at 30 FPS during a prescribed fire in Northern Arizona (November 2021). The dataset includes synchronized visible and thermal imagery with binary Fire/NoFire and Smoke/NoSmoke classifications, plus contextual data including weather forecasts, burn plans, georeferenced...

[Report](#) [Ask AI](#)

AI-Generated Visualization Gallery

4 visualizations

AI-Generated Python Code

```
import matplotlib
matplotlib.use('Agg')
import matplotlib.pyplot as plt
import seaborn as sns
import numpy as np
import pandas as pd
import logging
from datetime import datetime
from urllib.parse import quote
from PIL import Image
```

[Copy](#) [Download](#) [Share](#)

AI-Powered Dataset Intelligence can accelerate your research and understanding. Ask AI is offered as a beta feature. All AI content should be verified before use.

CITE

SHARE/EMBED

DATASET FILES

- #1) Video Pair 1.zip (3.81 GB) [Show Zip Contents](#)
- #1-7) All Video Pairs.zip (13.61 GB) [Show Zip Contents](#)
- #10) Frame Pair Labels.txt (543 bytes)
- #11) README.txt (3.08 KB)
- #12) README.pdf (54.31 KB)
- #13) Burn Plan.pdf (2.6 MB)
- #14) RGB Pointcloud.laz (108 MB)
- #15) RGB Orthomosaic.jpg (5.43 MB)
- #16) Weather Forecast.jpg (6.37 MB)

Abstract & Instructions

Comments

ABSTRACT

Reliability (47)

Security (109)

Sensors (103)

Signal Processing (211)



Comparison of Anomaly Detectors: Context Matters



Malware Analysis Datasets: Diverse Multimodal Deep Learning Android Malware...



Ontology for Identification of common algae involved in harmful algal bloom...



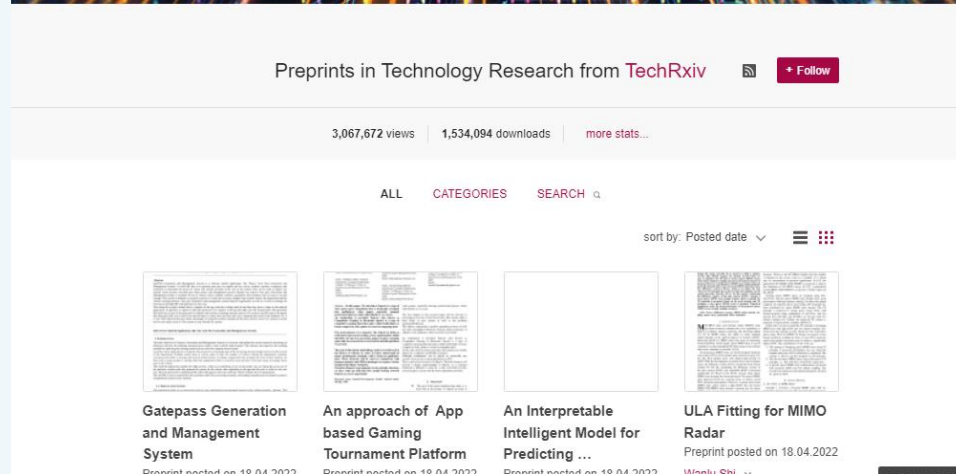
An ontology-integrating the common standards-policy models and internet of...

TechRxiv.org

<https://www.techrxiv.org/>

一个开放的预印服务器，用于未出版的电气工程、计算机科学和相关技术研究。覆盖领域包括：

- Aerospace
- Bioengineering
- Communication, Networking and Broadcast Technologies
- Components, Circuits, Devices and Systems
- Computing and Processing
- Engineered Materials, Dielectrics and Plasmas
- Engineering Profession
- Fields, Waves and Electromagnetics
- General Topics for Engineers
- Geoscience
- Nuclear Engineering
- Photonics and Electrooptics
- Power, Energy and Industry Applications
- Robotics and Control Systems
- Signal Processing and Analysis
- Transportation



通过使用TechRxiv，作者可以迅速将其作品传播给广泛受众，并获得有关其研究草案版本的社区反馈。“预印本”是文章的草稿版本（已发布文章的最终版本不应提交给TechRxiv）。

IEEE期刊类型

▶ Traditional Journals 传统期刊

- 用户/图书馆付费访问

▶ Open Access Journals 开放获取期刊

- 作者付费，读者免费下载

▶ Hybrid Journals 混合期刊

- 大部分文章传统模式出版，部分采用OA出版（作者自主选择）

Browse Journals & Magazines ?

By Title | By Topic | Virtual Journals

Search by keywords

Browse Titles ?

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | 0 - 9 | All

Displaying Results 1-25 of 300 from entire library

Refine results by

Show

All Results

Open Access Titles Only ?

Titles with Some Open Access ?

Show active titles only

IEEE Access
Publisher: IEEE Years: 2013 - Present Most Recent Issue

IEEE Aerospace and Electronic Systems Magazine
Publisher: IEEE Years: 1986 - Present Most Recent Issue

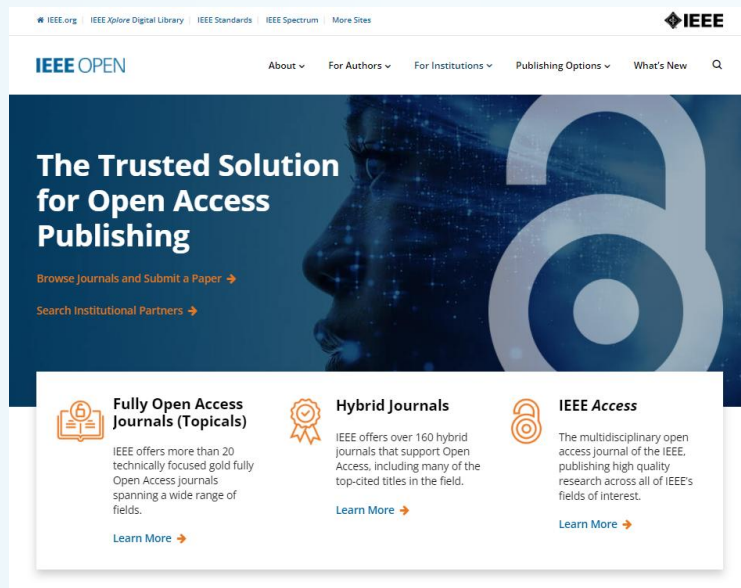
IEEE Transactions on Aerospace and Electronic Systems
Publisher: IEEE Years: 1965 - Present Most Recent Issue

Show Title History

IEEE作者OA选项

IEEE提供3种OA选择以满足作者不同需求

- 30多种完全开放获取专题期刊 (Fully open access topical journals)
- 180多种混合期刊 (Hybrid journals)
- 跨学科综合期刊 (Multidisciplinary journal) —— *IEEE Access*



The screenshot shows the IEEE OPEN website homepage. At the top, there is a navigation bar with links for IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites. Below this is the 'IEEE OPEN' header with a search icon and a dropdown menu. The main content area features a large banner with the text 'The Trusted Solution for Open Access Publishing' and a background image of a person's profile with a large '8' symbol. Below the banner are three columns of information:

- Fully Open Access Journals (Topicals)**: IEEE offers more than 20 technically focused gold fully Open Access journals spanning a wide range of fields. [Learn More](#)
- Hybrid Journals**: IEEE offers over 160 hybrid journals that support Open Access, including many of the top-cited titles in the field. [Learn More](#)
- IEEE Access**: The multidisciplinary open access journal of the IEEE, publishing high quality research across all of IEEE's fields of interest. [Learn More](#)

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

IEEE OA 投稿优惠

跟随DRAA组团订购IEL数据库的成员，IEEE为本轮订购学校开通OA投稿**APC 9折**优惠：

- ▶ 1) 学校**通讯作者**在IEEE期刊*（包括完全OA期刊和混合OA期刊）发表OA论文可享受此优惠。
- ▶ 2) 作者直接通过RLCS自行支付OA费用，机构管理员无须在此过程中登录RLSC审批折扣使用
- ▶ 3) 折扣适用通过通讯作者投稿过程中，匹配机构学校级别Ringgold信息实现

* <https://open.ieee.org/about/>

Open Access allows authors to publish in respected, high-quality, scholarly journals, while also complying with the latest open access policies. IEEE makes the transition simple by providing several options for authors to choose from:

- [Fully Open Access Topical Journals](#) →
- [Hybrid Journals](#) →
- [IEEE Access \(Multidisciplinary Open Access Journal\)](#) →

IEEE 投稿-机构匹配

[← Back to Progress Board](#)

Author Details

Provide or confirm details for each author. Indicate which author is the corresponding author for the purpose of editorial and peer review. The editorial office will email each named author to confirm participation.

Author list

i Co-authors will be contacted via email to connect their ORCID IDs after the submission is completed

Something wrong? [Edit Authors](#) or [Affiliations](#).

Cathy Teece

| | | |
|-------------------------------------|---|---------------------------------|
| Title | Email | Cour |
| <input type="text" value="Choose"/> | <input type="text" value="c.teece@ieee.org"/> | <input type="text" value="Ch"/> |

Affiliation(s)

Submitting Agent

Your email |

I'm an Author of this manuscript

I'm not an Author of this manuscript

通讯作者投稿时输入的机构信息将用于将作者与机构 OA 帐户进行匹配，从而使用优惠。

Affiliations

Help us find the organization that best matches each affiliation you provided. We use Ringgold as our affiliation database. [Learn more.](#)

Your selections are for internal purposes and will not be published.

Matched

Jinzhou Central Hospital, Jinzhou 121000, P.R. China

| | |
|--|--|
| What will be published | Choose best match |
| You confirmed from your manuscript: | |
| <input type="radio"/> Jinzhou Central Hospital, Jinzhou 121000, P.R. China | <input checked="" type="radio"/> JINZHOU WOMEN AND CHILDREN'S HOSPITAL JINZHOU, LIAONING, CHINA |
| | <input type="radio"/> JINZHOU CENTRAL HOSPITAL JINZHOU, LIAONING, CHINA |
| | <input type="radio"/> JINZHOU CITY HEALTH COMMISSION JINZHOU, LIAONING, CHINA |

OR

Search for best match

You only need to select your parent organization, you do not need to match your department or other subdivision

Example: select *University of Oxford*, not *University of Oxford Department of Economics*

Find Organization

IEEE 投稿系统中集成 **Ringgold ID** (全球机构统一身份证) 进行机构账号匹配。需作者注意选择**学校级别账号**，而不是学院或其他附属机构级别账号。

通过IEEE多渠道加强科技交流

多彩的IEEE学生分会活动



丰富的IEEE在线技术讲座



VIRTUAL EVENT

TWO PART SERIES
BRIDGING THE 4G/5G GAP:
Telecommunications Roadmap for Implementation
Presented by David Witkowski

RESERVE YOUR SEAT



FREE LIVE

14 April 2021 | 9am ET
IEEE TECH TALK:
IEEE 802 Networking Standards –
Emerging Vertical Network Applications

VIRTUAL PANEL SERIES
Innovation at work
PRESENTED BY Tim Godfrey and Paul Nikolich
Brought to you by IEEE Educational Activities

REGISTER NOW



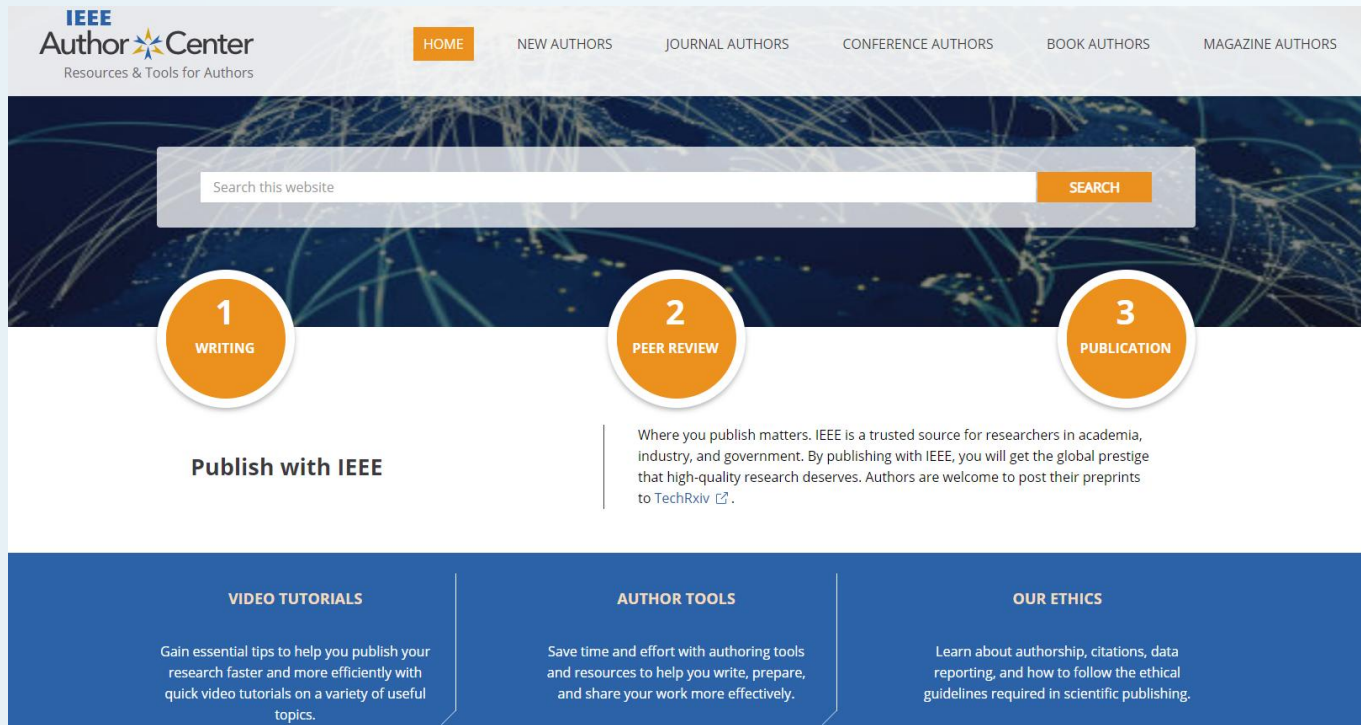
Upcoming SSCS Webinar



**An Organic-
Photoconductive-Film CMOS
Image Sensor's Advanced
Technologies**

Presented by Kazuko Nishimura
Panasonic Corporation
Friday, May 21st, 9:00 AM ET

论文写作：作者中心与作者工具



The screenshot shows the IEEE Author Center website. At the top left is the IEEE Author Center logo with the tagline "Resources & Tools for Authors". To the right is a navigation menu with links for HOME, NEW AUTHORS, JOURNAL AUTHORS, CONFERENCE AUTHORS, BOOK AUTHORS, and MAGAZINE AUTHORS. Below the navigation is a search bar with the placeholder text "Search this website" and a "SEARCH" button. The main content area features three large orange circles with white numbers and text: "1 WRITING", "2 PEER REVIEW", and "3 PUBLICATION". Below the "1 WRITING" circle is the heading "Publish with IEEE" and a paragraph of text: "Where you publish matters. IEEE is a trusted source for researchers in academia, industry, and government. By publishing with IEEE, you will get the global prestige that high-quality research deserves. Authors are welcome to post their preprints to TechRxiv [↗](#)." Below the "2 PEER REVIEW" circle is a heading "VIDEO TUTORIALS" and a paragraph: "Gain essential tips to help you publish your research faster and more efficiently with quick video tutorials on a variety of useful topics." Below the "3 PUBLICATION" circle is a heading "AUTHOR TOOLS" and a paragraph: "Save time and effort with authoring tools and resources to help you write, prepare, and share your work more effectively." Below the "3 PUBLICATION" circle is a heading "OUR ETHICS" and a paragraph: "Learn about authorship, citations, data reporting, and how to follow the ethical guidelines required in scientific publishing."

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

活动详情



扫描右侧二维码：

即刻了解参赛方式&活动奖项

蓄势待发，等你来战！



重磅豪礼，静候强者

活动日程

- ★ 第一轮竞赛：2026年4月8日至4月30日
- ★ 第一轮奖项公布：2026年5月6日至5月10日
- ★ 第二轮竞赛：2026年5月11日至5月31日
- ★ 第二轮奖项公布：2026年6月1日至6月5日
- ★ 精英挑战赛答题安排：
精英挑战赛时间确定后，我们将提前10天左右通知所有入围选手。

活动对象：

- ★ 第一轮、第二轮：全国IEEE数据库用户
- ★ 精英挑战赛：在前两轮比赛中任意一轮获得奖项的选手即可入围精英挑战赛



本次活动最终解释权归iGroup中国公司所有；

参与过程中，如有任何问题请联系
iel@igroup.com.cn



2026 IEEE 检索达人系列挑战赛

“机遇与责任” 探寻AI的一体两面

常规课程安排

- 01 主题一 (a): IEEE Xplore助力高效科研, 洞察全球技术趋势
时间: 3月26日, 19:00-20:00
- 02 主题一 (b): 巧用IEEE Xplore进阶检索技巧, 精确定位目标文献
时间: 4月2日, 19:00-20:00
- 03 主题二: AI加持下的IEEE资源动态
时间: 4月9日, 19:00-20:00
- 04 主题三: IEEE步履不停: 领航开放科学之路
时间: 4月16日, 19:00-20:00
- 05 主题四: IEEE投稿攻略: 解锁国际发表的密钥
时间: 4月23日, 19:00-20:00
- 06 主题五: IEEE科技论文: 从写作到推广的全面解析
时间: 5月7日, 19:00-20:00
- 07 主题六: 实战指南: 善用IEEE实现职场软着陆
时间: 5月14日, 19:00-20:00
- 08 主题七: 智驭未来: IEEE标准简介
时间: 5月21日, 19:00-20:00



IEEE Xplore MOOC 2026 春季课程

科研人的春日充电站



课程参与方式



请扫码关注左侧微信视频号二维码, 每期课程将通过该视频号进行直播。

微信视频号“IEEEXplore微服务”
视频号ID: sphCnFBPxKpTEFR

欢迎与各位老师加强交流!

何丹丹

IEEE中国客户与资讯经理

IEEE Client Services Manager

dan.he@vip.163.com

IEEE数据库在中国的合作伙伴

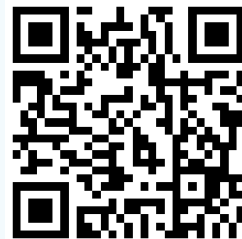
iGroup中国

iel@igroup.com.cn

IEEEXplore微服务



微信公众号



Bilibili

IEEE有奖问答



