

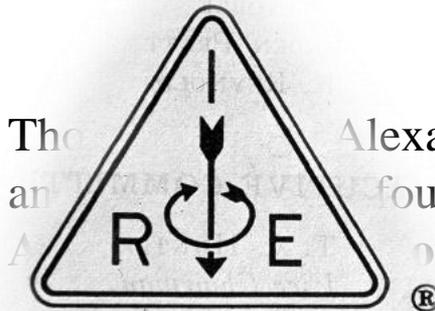


The Founding of IEEE

1884 1912 1963 Present



AIEE
American Institute
of Electrical Engineers



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IRE
Institute of Radio
Engineers

Alexand
found
Pioneers of wireless technologies
and electronics founded the
Institute of Radio Engineers.

AIEE and IRE merged to
become the Institute of
Electrical and Electronic
Engineers, or **IEEE.**

IEEE Today at a Glance

Our Global Reach

430,000+
Members



45
Technical Societies



160
Countries



Our Technical Breadth

1,400+
Annual Conferences



3,800,000+
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170+
Top-cited Periodicals



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- Automotive Engineering
- Biomedical Engineering
- Biometrics
- Circuits & Systems
- Cloud Computing
- Communications
- Computer Software
- Electronics
- Energy
- Engineering
- Imaging
- Information Technology
- Medical Devices
- Nanotechnology
- Optics
- Petroleum & Gas
- Photonics
- Power Electronics
- Power Systems
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Publication Options for Authors

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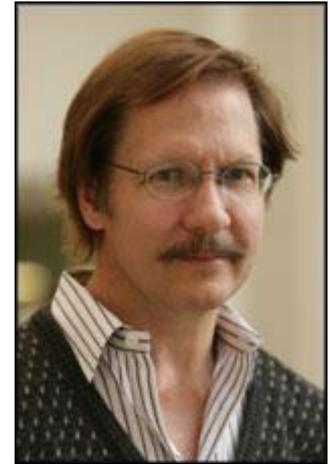
All Articles are available on the IEEE *Xplore* platform

3 OA Models for Different Author Needs

Option	When	Why
Fully Open Access Topical Journals	Began publishing in 2012	Larger potential audience with traditional focus on specific areas
Hybrid Topical Journals (100+)	Already an option	Gives authors the benefit of multiple journals w/established Impact Factors; publish in print and online
IEEE Access	May 2013	Broad-scope, multi-disciplinary journal featuring practical applications and a rapid, binary peer-review process
All articles available through IEEE <i>Xplore</i> Digital Library		

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- ▶ A broad-scope Multidisciplinary journal to cover topics that are interdisciplinary
- ▶ Practical articles such as interesting solutions to engineering challenges, applications oriented techniques, negative results, manufacturing methods, etc.
- ▶ Rapid, yet thorough, binary peer-review and publication process (4 to 6 weeks)
- ▶ Articles are free for all on IEEE *Xplore*
- ▶ Online-only archival publication: no page limits.



Dr. Michael Pecht, Editor in Chief



More information: www.ieee.org/ieee-access

Featuring Multimedia Highlights

The screenshot shows the IEEE Access journal website interface. At the top, there is a navigation bar with five items: a home icon, 'Early Access', 'Current Articles', 'Most Popular', and 'About Journal'. A prominent orange button on the right says 'Submit Your Manuscript'. Below the navigation bar, on the left, is a text box describing IEEE Access as an interdisciplinary, applications-oriented, all-electronic archival publication. To the right of this text is a video player featuring Professor Ted Rappaport, Director of NYU Wireless. The video player shows a man in a red sweater speaking, with a play button overlay. Below the video player, the title of the video is 'Millimeter wave mobile communications for 5G cellular: It will work!' followed by the authors' names: T. S. Rappaport, S. Sun, R. Mayzus, H. Zhao, Y. Azar, K. Wang, G. N. Wang, J. K. Schulz, M. Samimi, and F. Gutierrez.

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Professor Ted Rappaport
Director - NYU WIRELESS

0:00 / 5:51

Millimeter wave mobile communications for 5G cellular: It will work!
T. S. Rappaport, S. Sun, R. Mayzus, H. Zhao, Y. Azar, K. Wang, G. N. Wang, J. K. Schulz, M. Samimi, and F. Gutierrez

User Commenting

6 Comments IEEE Xplore

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Guest · a month ago
For the actual story on the video posted above that isn't some fabrication, click
<http://www.autoblog.com/2013/0...>
1 Reply Share

Charlene McCarthy Blake → **Guest** · a month ago
Someone needs to examine the inconsistency and unreliability of the EDR (black box) in the Toyota and Lexus vehicles. Toyota itself said that its own EDR was unreliable but then all of a sudden the company recanted. Toyota is now using this unreliable EDR data to incriminate Toyota sudden unintended acceleration victims. When the owners, who have far more integrity than Toyota, state that they know they were pushing extremely hard on the brake pedal at the time DUA initiated, Toyota essentially says, "Oh no you weren't and here's the faulty data to prove it!" What a complete kick in the teeth for the Toyota and Lexus owners who pleaded with Toyota to FIX this obvious on-going ELECTRONIC problem.

Toyota has proven to be guilty of cover-up and lying to the government, lawmakers, and the customers they brag are "valued." WHO is buying the public claim that there is no electronic problem in Toyota's ETCS-i software? Michael Barr (see embeddedgurus.com) has completed an 800 page report on the matter of the SUA in Toyotas. This world-renowned embedded software expert helped the Toyota owner win the recent sudden unintended acceleration legal case in Oklahoma (Bookout V. Toyota). Unfortunately, the comprehensive report in COURT-SEALED right now. It should be made PUBLIC, in my opinion, in the name of public safety.

[see more](#)

Reply Share

Guest · a month ago
Here's the full story on the little video above, for folks who are interested in the truth and not fabrications:
<http://www.autoblog.com/2013/0...>

*Your vehicle's throttle, accelerator and related components were inspected and found operating as designed, within factory specifications. No binding or obstructions were

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Big Data Services and Computational Intelligence for Industrial Systems (PDF, 80 KB)	10 October 2015	ZhangBing Zhou, Walid Gaaloul, Patrick Hung, Lei Shu, and Wei Tan

IEEE Access Status and Accomplishments

- ▶ 313 articles have been published. The number of articles published have increased by 77% compared to the same time last year



- ▶ IEEE Access is the recipient of the 2015 PROSE Award for “Best New Journal in Science, Technology and Medicine”

- ▶ IEEE Access has 3 to 4 articles in IEEE Xplore top 10 most popular articles based on monthly downloads

- ▶ The IEEE Access article: “Millimeter Wave Mobile Communications for 5G Cellular: It Will Work!” by Dr. Rappaport et. al. was awarded the 2015 IEEE Donald G. Fink Prize Paper Award



- ▶ IEEE Access is indexed by Scopus and Compendex and is listed in Directory of Open Access Journals (DOAJ)

Scopus

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Example of an article from Mexico

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Design of a Brick With Sound Absorption Properties Based on Plastic Waste & Sawdust

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ABSTRACT This paper applies to the redesign of a brick in which the selection of the material and the internal geometry are designed to increase sound absorption together with an improvement in structural strength. The definition of the material opportunity is given by the sawmill industry in Mexico, which produces about 2 million tons of sawdust per year, almost all wasted, and another important waste material: plastic. Each year, Mexico produces 992 000 tons of low density polyethylene. These two waste products can be used as raw materials to create wood plastic composite.

INDEX TERMS Acoustic absorption, sawdust, WPC, design, brick, structure, wood, plastic, LDPE.

I. INTRODUCTION

Mexico occupies the 10th place in the world in waste generation. It is estimated that the country generates 30 million tons of waste per year with about 25% entering the composting, incinerating, and landfill waste streams [32]. Five point eight percent of the total amount consists of plastic, which approximates to roughly 1.7 million tons of plastic per year.

Plastic waste can cause water, air and soil contamination. Shuffling and mixing the trash increases the difficulty and cost of recovering and recycling it. Most plastics take at least 240 years to degrade and consequently are a source of pollution, which this research wants to help reduce. Another contribution is avoiding incineration and the subsequent generation and release of toxic gases into the atmosphere [7].

apply them to a new brick. This new design will solve the problem of absorbing acoustic waves in order to increase the perceived quality inside a building.

The new design will create advantages for suppliers, manufacturers and the construction industry and simultaneously help to reduce environmental impact.

A. PLASTIC WASTE

The polymer that will be considered in terms of chemical composition, is LDPE, one of the simplest compounds. This plastic has different applications, and can be used in toys, cups, plates, plastic cutlery, bottles for powdered pharmaceuticals, industrial packaging, lamination, flexible films, wires and cables, conduit pipe, greenhouse film, irrigation piping and irrigation systems [36].

- Published August, 2015
- By authors Mr. Guzman and Dr. Munno
- A good example of a practical article



IEEE Access

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Summary

- ▶ IEEE is a well respected organization in the technical publishing industry
- ▶ The launch of IEEE *Access* has been successful and the journal continues to grow
- ▶ The popularity of IEEE *Access* articles is very impressive
- ▶ The high quality of IEEE accepted articles is maintained

