

Sample IEEE Paper for A4 Page Size

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Abstract— This document gives formatting instructions for authors preparing papers for publication in the Proceedings of an IEEE conference. The authors must follow the instructions given in the document for the papers to be published. You can use this document as both an instruction set and as a template into which you can type your own text.

Keywords— Put your keywords here, keywords are separated by comma.

I. INTRODUCTION

This document is a template. An electronic copy can be downloaded from the conference website. For questions on paper guidelines, please contact the conference publications committee as indicated on the conference website. Information about final paper submission is available from the conference website.

II. PAGE LAYOUT

An easy way to comply with the conference paper formatting requirements is to use this document as a template and simply type your text into it.

A. Page Layout

Your paper must use a page size corresponding to A4 which is 210mm (8.27") wide and 297mm (11.69") long. The margins must be set as follows:

- Top = 19mm (0.75")
- Bottom = 43mm (1.69")
- Left = Right = 14.32mm (0.56")

Your paper must be in two column format with a space of 4.22mm (0.17") between columns.

III. PAGE STYLE

All paragraphs must be indented. All paragraphs must be justified, i.e. both left-justified and right-justified.

A. Text Font of Entire Document

The entire document should be in Times New Roman or Times font. Type 3 fonts must not be used. Other font types may be used if needed for special purposes.

Recommended font sizes are shown in Table I.

B. Title and Author Details

Title must be in 24 pt Regular font. Author name must be in 11 pt Regular font. Author affiliation must be in 10 pt Italic. Email address must be in 9 pt Courier Regular font.

TABLE I
Font Sizes for Papers

Font Size	Appearance (in Times New Roman or Times)		
	Regular	Bold	Italic
8	table caption (in Small Caps), figure caption, reference item		reference item (partial)
9	author email address (in Courier), cell in a table	abstract body	abstract heading (also in Bold)
10	level-1 heading (in Small Caps), paragraph		level-2 heading, level-3 heading, author affiliation
11	author name		
24	title		

All title and author details must be in single-column format and must be centered.

Every word in a title must be capitalized except for short minor words such as "a", "an", "and", "as", "at", "by", "for", "from", "if", "in", "into", "on", "or", "of", "the", "to", "with".

Author details must not show any professional title (e.g. Managing Director), any academic title (e.g. Dr.) or any membership of any professional organization (e.g. Senior Member IEEE).

To avoid confusion, the family name must be written as the last part of each author name (e.g. John A.K. Smith).

Each affiliation must include, at the very least, the name of the company and the name of the country where the author is based (e.g. Causal Productions Pty Ltd, Australia).

Email address is compulsory for the corresponding author.

C. Section Headings

No more than 3 levels of headings should be used. All headings must be in 10pt font. Every word in a heading must be capitalized except for short minor words as listed in Section III-B.

1) *Level-1 Heading*: A level-1 heading must be in Small Caps, centered and numbered using uppercase Roman

2013 Ieee Papers For Eee

Rachel Sandford



2013 Ieee Papers For Eee:

Emerging Technology and Architecture for Big-data Analytics Anupam Chattopadhyay, Chip Hong Chang, Hao Yu, 2017-04-19 This book describes the current state of the art in big data analytics from a technology and hardware architecture perspective. The presentation is designed to be accessible to a broad audience with general knowledge of hardware design and some interest in big data analytics. Coverage includes emerging technology and devices for data analytics, circuit design for data analytics and architecture and algorithms to support data analytics. Readers will benefit from the realistic context used by the authors which demonstrates what works, what doesn't work and what are the fundamental problems, solutions, upcoming challenges and opportunities. Provides a single source reference to hardware architectures for big data analytics. Covers various levels of big data analytics hardware design abstraction and flow from device to circuits and systems. Demonstrates how non-volatile memory (NVM) based hardware platforms can be a viable solution to existing challenges in hardware architecture for big data analytics.

Concepts, Applications, Experimentation and Analysis of Wireless Sensor Networks Hossam Mahmoud Ahmad Fahmy, 2020-11-24 The new edition of this popular book has been transformed into a hands-on textbook focusing on the principles of wireless sensor networks (WSNs), their applications, their protocols and standards and their analysis and test tools. A meticulous care has been accorded to the definitions and terminology. To make WSNs felt and seen, the adopted technologies as well as their manufacturers are presented in detail. In introductory computer networking books, chapters sequencing follows the bottom-up or top-down architecture of the seven layers protocol. This book starts some steps later with chapters ordered based on a topic's significance to the elaboration of wireless sensor networks (WSNs) concepts and issues. With such a depth, this book is intended for a wide audience; it is meant to be a helper and motivator for both the senior undergraduates, postgraduates, researchers and practitioners. Concepts and WSNs-related applications are laid out; research and practical issues are backed by appropriate literature and new trends are put under focus. For senior undergraduate students, it familiarizes readers with conceptual foundations, applications and practical project implementations. For graduate students and researchers, transport layer protocols and cross-layering protocols are presented and testbeds and simulators provide a must-follow emphasis on the analysis methods and tools for WSNs. For practitioners, besides applications and deployment, the manufacturers and components of WSNs at several platforms and testbeds are fully explored.

Proceedings of 2nd International Conference on Micro-Electronics, Electromagnetics and Telecommunications Suresh Chandra Satapathy, Vikrant Bhateja, P. Satish Rama Chowdary, V.V.S.S. Sameer Chakravarthy, Jaume Anguera, 2017-09-06 The book is a collection of best papers presented in the Second International Conference on Microelectronics, Electromagnetics and Telecommunication (ICMEET 2016), an international colloquium which aims to bring together academic scientists, researchers and research scholars to discuss the recent developments and future trends in the fields of microelectronics, electromagnetics and telecommunication.

Microelectronics research investigates semiconductor materials and device physics for developing electronic devices and integrated circuits with data energy efficient performance in terms of speed power consumption and functionality The book discusses various topics like analog digital and mixed signal circuits bio medical circuits and systems RF circuit design microwave and millimeter wave circuits green circuits and systems analog and digital signal processing nano electronics and giga scale systems VLSI circuits and systems SoC and NoC MEMS and NEMS VLSI digital signal processing wireless communications cognitive radio and data communication

6th European Conference of the International Federation for Medical and Biological Engineering Igor Lacković, Darko Vasic, 2014-09-02 This volume presents the Proceedings of the 6th European Conference of the International Federation for Medical and Biological Engineering MBEC2014 held in Dubrovnik September 7 11 2014 The general theme of MBEC 2014 is Towards new horizons in biomedical engineering The scientific discussions in these conference proceedings include the following themes Biomedical Signal Processing Biomedical Imaging and Image Processing Biosensors and Bioinstrumentation Bio Micro Nano Technologies Biomaterials Biomechanics Robotics and Minimally Invasive Surgery Cardiovascular Respiratory and Endocrine Systems Engineering Neural and Rehabilitation Engineering Molecular Cellular and Tissue Engineering Bioinformatics and Computational Biology Clinical Engineering and Health Technology Assessment Health Informatics E Health and Telemedicine Biomedical Engineering Education

Nature-Inspired Algorithms for Big Data Frameworks Banati, Hema, Mehta, Shikha, Kaur, Parmeet, 2018-09-28 As technology continues to become more sophisticated mimicking natural processes and phenomena becomes more of a reality Continued research in the field of natural computing enables an understanding of the world around us in addition to opportunities for manmade computing to mirror the natural processes and systems that have existed for centuries Nature Inspired Algorithms for Big Data Frameworks is a collection of innovative research on the methods and applications of extracting meaningful information from data using algorithms that are capable of handling the constraints of processing time memory usage and the dynamic and unstructured nature of data Highlighting a range of topics including genetic algorithms data classification and wireless sensor networks this book is ideally designed for computer engineers software developers IT professionals academicians researchers and upper level students seeking current research on the application of nature and biologically inspired algorithms for handling challenges posed by big data in diverse environments

Building an Effective IoT Ecosystem for Your Business Sudhi R. Sinha, Youngchoon Park, 2017-07-20 This descriptive practical guide explains how to build a commercially impactful operationally effective and technically robust IoT ecosystem that takes advantage of the IoT revolution and drives business growth in the consumer IoT as well as industrial internet spaces With this book executives business managers developers and decision makers are given the tools to make more informed decisions about IoT solution development partner eco system design and the monetization of products and services Security and privacy issues are also addressed Readers will explore the design guidelines and technology choices required to build

commercially viable IoT solutions but also uncover the various monetization and business modeling for connected products

Index to IEEE Publications Institute of Electrical and Electronics Engineers,1995 **Green Communications**

Konstantinos Samdanis,Peter Rost,Andreas Maeder,Michela Meo,Christos Verikoukis,2015-07-23 This book provides a comprehensive view of green communications considering all areas of ICT including wireless and wired networks It analyses particular concepts and practices addressing holistic approaches in future networks considering a system perspective It makes full use of tables illustrations performance graphs case studies and examples making it accessible for a wide audience

Energy Efficient Technologies for Sustainability R. Edwin Raj,S. Joseph Sekhar,B.S. Sunder Daniel,2013-09-04 Selected peer reviewed papers from the International Conference on Energy Efficient Technologies for Sustainability ICEETS 2013 April 10 12 2013 Tamilnadu India Hybrid Power Yatish T. Shah,2021-02-18 Hybrid energy systems integrate multiple

sources of power generation storage and transport mechanisms and can facilitate increased usage of cleaner renewable and more efficient energy sources Hybrid Power Generation Storage and Grids discusses hybrid energy systems from fundamentals through applications and discusses generation storage and grids Highlights fundamentals and applications of hybrid energy storage Discusses use in hybrid and electric vehicles and home energy needs Discusses issues related to hybrid renewable energy systems connected to the utility grid Describes the usefulness of hybrid microgrids and various forms of off grid energy such as mini grids nanogrids and stand alone systems Covers the use of hybrid renewable energy systems for rural electrification around the world Discusses various forms and applications of hybrid energy systems hybrid energy storage hybrid microgrids and hybrid off grid energy systems Details simulation and optimization of hybrid renewable energy systems This book is aimed at advanced students and researchers in academia government and industry seeking a comprehensive overview of the basics technologies and applications of hybrid energy systems *IEEE Membership*

Directory Institute of Electrical and Electronics Engineers,1999 **Invited Papers** ,1973 **Information Technology**

Applications in Industry Jun Zhang,Zhi Jian Wang,Shu Ren Zhu,Xiao Ming Meng,2012-12-27 Selected peer reviewed papers from the 2012 International Conference on Information Technology and Management Innovation ICITMI 2012

November 10 11 2012 Guangzhou China **Digest of Papers** ,1975 Invited Papers Luděk Pekárek,L. Láška,1973

Eleventh International Conference on Phenomena in Ionized Gases 1973: Invited papers edited by L. Pekárek, L. Láška ,1973 **IS & T's 49th Annual Conference** ,1996 2013 IEEE International Solid-State Circuits Conference ,2013

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