

## PREFACE

This volume of Procedia Technology comprises a collection of 53 research papers that were accepted for presentation at the 2013 Iberoamerican Conference on Electronics Engineering and Computer Science (CIECC 2013), which was held on April 24-26, 2013, in the city of San Luis Potosí, Mexico. The conference was organized by Universidad Autónoma de San Luis Potosí (UASLP), in collaboration with Universidad de Guadalajara and Universidad Panamericana Campus Aguascalientes, with the purpose of establishing an open forum for exchanging experiences and disseminating recent findings in the areas of electronics engineering and computer science.

In addition to 12 technical sessions devoted to the presentation of the papers presented in this volume, the technical program of the conference included an industry exhibition, 7 tutorials, a programming contest, and 5 keynote talks delivered by the following distinguished speakers:

- Dr. Enrique Cabrero, General Director of the Mexican National Council of Science and Technology
- Dr. Francisco Mendieta, General Director of the Mexican Space Agency
- Dr. Alejandro Pisanty, President of the Internet Society of Mexico
- Dr. Carlos Thome, Enterprise Architect for Hewlett-Packard
- Dr. Javier Jo, Professor of Biomedical Engineering at Texas A&M University

The papers in this volume address a variety of problems spanning the areas of telecommunications engineering, signal processing, electronic engineering, bioelectronics, and computer science. They were selected out of a total of 102 manuscripts that were submitted for review by authors from 14 different countries. The review of this amount of papers would not have been possible without the help of fellow researchers that kindly agreed to serve on the conference's technical program committee. In this respect, we are deeply thankful to:

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In addition to these researchers, the help of the following additional reviewers was fundamental to successfully complete the review process:

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On behalf of the organizing committee of CIECC 2013, we thank all TPC members and reviewers for their hard work. Likewise, we thank the authors for submitting their papers to the conference. This volume of *Procedia Technology* would have never materialized without their contributions.

The ultimate goal of CIECC 2013 was to disseminate the findings of research activities that contribute to advance the state of the art in the conference's areas of interest. Therefore, we sincerely hope that the results, concepts, and techniques presented in the 53 papers that we have selected are useful to you, the reader.

J. Martin Luna-Rivera  
Carlos A. Gutiérrez  
Enrique Stevens-Navarro  
Ulises Pineda-Rico

Text of Papers Presented to the 2002 Special Libraries Association Conference in Los Angeles California, June 9 12, 2002. What's New. MONDAY. The NASA Scientific and Technical Information (STE) Program's Implementation of Open Archives Initiative (OAI) for Data Interoperability and Data Exchange. by JoAnne Rocker; George J. Roncivia; Lynn N. Heimerl; Michael L. Nelson. It seems very important in this time of focus on the 'bottom-line' and ROI (return on investment) by organizations that information professionals take the time to examine their competencies and to translate them into the language of the business sector. Below are the exercises designed based on extracts from different research papers. Graduate students are required to do all of them after finishing unit 1, 2 & 3.

A. Abstracts and Introductions

1. Insert the words below into the spaces. Addresses, aim, aimed at, aims to, continuation, feasibility study, framework, propose, scope, targeted, this end, undertook.

1. Our aim is to provide a short, practical analysis of how this language is used. Technical papers in the Magazine have been presented at a conference prior to being peer-reviewed. IAS members receive a subscription to the Magazine as a privilege of membership in the Society. IAS jointly sponsors publication of journals with other IEEE Societies. The archive includes all conference papers published since 1988, all IAS Magazine papers, and most IAS Transactions papers going back to the formation of the Society in 1966. In addition, as the technology of publication migrates away from the traditional hard copy model into various electronic media, Xplore is now IEEE's official "publication of record". Xplore is discussed in greater detail toward the end of this document. Page 1 of 18 pages. Rev 5 " 31 December 2016. The below material has been based on the following books: (listed in the order of importance).

" Mark Powell: Presenting in English " How to Give Successful Presentations, Thomson Heinle 1996.

" Mario Klarer: "sobiv; prezentace a "medn;Å;ka v angliÅtinÅ", Grada 2007. (translated from the original titled: "PrÅsentieren auf Englisch " 3., aktualisierte und Åberarbeitete Auflage, Redline Wirtschaft, Germany 2006).

3. Types of presentation: TASK 1 Try to complete the types of presentations defined. The first one has been done for you as an example.

" press conference = two chief executives tell journalists why their companies have merged.

" \_ = a senior officer gives information to other officers about an operation they are going to undertake.