Journal Information and Instructions for Authors

I. JOURNAL INFORMATION

Polibits is a half-yearly open-access research journal published since 1989 by the Centro de Innovación v Desarrollo Tecnológico en Cómputo (CIDETEC: Center of Innovation and Technological Development in Computing) of the Instituto Politécnico Nacional (IPN: National Polytechnic Institute), Mexico City, Mexico.

The journal has double-blind review procedure. It publishes papers in English and Spanish (with abstract in English). Publication has no cost for the authors.

A. Main Topics of Interest

The journal publishes research papers in all areas of computer science and computer engineering, with emphasis on applied research. The main topics of interest include, but are not limited to, the following:

Artificial Intelligence

Natural Language

Processing

Fuzzy Logic

Computer Vision

Multiagent Systems

Bioinformatics

Neural Networks

Evolutionary Algorithms

Knowledge

Representation

Expert Systems

Intelligent Interfaces

Multimedia and Virtual Reality

Machine Learning

Pattern Recognition

Intelligent Tutoring

Systems

Semantic Web

Robotics

Geo-processing

Database Systems

Data Mining

Software Engineering

Web Design

Compilers

Formal Languages

Operating Systems

Distributed Systems

Parallelism

Real Time Systems

Algorithm Theory

Scientific Computing

- High-Performance

Computing

Networks and

Connectivity

Cryptography

Informatics Security

Digital Systems Design

Digital Signal Processing

Control Systems

Virtual Instrumentation

Computer Architectures

B. Indexing

The journal is listed in the list of excellence of the CONACYT (Mexican Ministry of Science) and indexed in the following international indices: LatIndex, SciELO, Periódica, e-revistas, and Cabell's Directories.

There are currently only two Mexican computer science journals recognized by the CONACYT in its list of excellence, Polibits being one of them.

II. INSTRUCTIONS FOR AUTHORS

A. Submission

Papers ready for peer review are received through the Web submission system on www.easychair.org/conferences/?conf= polibits1; see also updated information on the web page of the journal, www.cidetec.ipn.mx/polibits.

The papers can be written in English or Spanish. In case of Spanish, author names, abstract, and keywords must be provided in both Spanish and English; in recent issues of the journal you can find examples of how they are formatted.

Only full papers are reviewed; abstracts are not considered as submissions. The review procedure is double-blind. Therefore, papers should be submitted without names and affiliations of the authors and without any other data that reveal the authors' identity.

For review, a PDF file is to be submitted. In case of acceptance, the authors will need to upload the source code of the paper, either Microsoft Word or LaTeX with all supplementary files necessary for compilation. Upon acceptance notification the authors receive further instructions on uploading the camera-ready source files.

Papers can be submitted at any moment; if accepted, the paper will be scheduled for inclusion in one of forthcoming issues, according to availability and the size of backlog. While we make every reasonable effort for fast review and publication, we cannot guarantee any specific time for this.

B. Format

The papers should be submitted in the format of the IEEE Transactions 8x11 2-column format, see http://www.ieee.org/ publications standards/publications/authors/author templates. html. (while the journal uses this format for submissions, it is in no way affiliated with, or endorsed by, IEEE). The actual publication format differs from the one mentioned above; the papers will be adjusted by the editorial team.

There is no specific page limit: we welcome both short and long papers, provided that the quality and novelty of the paper adequately justifies its length. Usually the papers are between 10 and 20 pages; much shorter papers often do not offer sufficient detail to justify publication.

The editors keep the right to copyedit or modify the format and style of the final version of the paper if necessary.