INSTRUCTIONS FOR AUTHORS

Author Guidelines

Authors must submit their papers via email to **brain@edusoft.ro** or they can create an account and submit their papers online, at **www.brain.edusoft.ro**. Submited papers must be written in DOC format (Microsoft Word document), in as clear and as simple as possible English. Preferred maximum paper length for the papers is 20 pages, including figures.

The template for the paper is at this address:

http://www.edusoft.ro/Template_for_BRAIN.doc

The text is single-spaced; uses a 12-point Times New Roman font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end. The title will be bold 14-point, and the author will be 12-point italic. Figures have caption in bottom-center side, and tables have captions in left-top side. Use a tab for identing each paragraph and the subtitles, too. The subtitles will be bold 12-point. Please use Microsoft Word 97-2003.

We encourage the authors to use the camera ready format even for the first submission. All paper submissions will be carefully reviewed by an editor, and by the members of the scientific board or independent experts, who will provide a written feedback with comments and ratings. Authors will be notified of acceptance in maximum 3 weeks. Accepted manuscripts should be revised according to the comments of the reviewers and of the editors.

For questions concerning manuscript submission, contact Mr. **Bogdan Patrut** by mail at **bogdan@edusoft.ro**.

Submission Preparation Checklist

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

1. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
2. The submission file is in Microsoft Word or RTF document file format.
3. Where available, URLs for the references have been provided.
4. The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
5. The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which is found in About the Journal.
6. If submitting to a peer-reviewed section of the journal (BRAINovations or BRAINStorming), the instructions in Ensuring a Blind Review have been followed.

Ensuring a Blind Peer Review

To ensure the integrity of the blind peer-review for submission to this journal, every effort should be made to prevent the identities of the authors and reviewers from being known to each other. This involves the authors, editors, and reviewers (who upload documents as part of their

review) checking to see if the following steps have been taken with regard to the text and the file properties:

1. The authors of the document have deleted their names from the text, with "Author" and year used in the references and footnotes, instead of the authors' name, article title, etc.
2. With Microsoft Office documents, author identification should also be removed from the properties for the file (see under File in Word), by clicking on the following, beginning with File on the main menu of the Microsoft application: File > Save As > Tools (or Options with a Mac) > Security > Remove personal information from file properties on save > Save.
3. With PDFs, the authors' names should also be removed from Document Properties found under File on Adobe Acrobat's main menu.

Copyright Notice

Authors retain copyright and grant the journal right of first publication with the work simultaneously licensed under a Creative Commons Attribution License that allows others to share the work with an acknowledgement of the work's authorship and initial publication in this journal.

Authors are able to enter into separate, additional contractual arrangements for the nonexclusive distribution of the journal's published version of the work (e.g., post it to an institutional repository or publish it in a book), with an acknowledgement of its initial publication in this journal.

Authors are permitted and encouraged to post their work online (e.g., in institutional repositories or on their website) prior to and during the submission process, as it can lead to productive exchanges, as well as earlier and greater citation of published work

Privacy Statement

The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

BRAINdexing

Our journal is currently indexed/listed in the following indexing services and international databases:

1. Directory of Open Access Journals (DOAJ)
2. EBSCO (EBSCO Open Access Computer Science, EBSCO Open Access Journals, EBSCO Open Access Medical and Health Collection)
3. IndexCopernicus
4. The Linguist List
5. Google Academic
6. Ulrichs
7. getCITED
8. Genamics JournalSeek
9. Zeitschriftendatenbank (ZDB)
10. J-Gate
11. SHERPA/RoMEO
12. Dayang Journal System
13. Public Knowledge Project
14. BIUM (Bibliothèque interuniversitaire de medecine et d'odontologie)
15. NewJour
16. ArticleReach Direct
17. Link+

Also, some universities and organizations list our journal in their online libraries:

1. Geneva Foundation for Medical Education and Research
2. BASE (Bielefeld Academic Search Engine)
3. River Campus Libraries (Univ. of Rochester)
4. Tulips (University of Tsukuba Library))
5. Showa University Library
6. Keio University (Shinamomachi Media Center)
7. University of Pennsylvania
8. University of Modena and Reggio Emilia
9. Tel Aviv University, Gitter-Smolarz Library of Life Sciences and Medicine
10. National Autonomous University of Mexico, Genomic Sciences Center, Institute of Biotechnology
11. Saint Petersburg State University
12. University of Puerto Rico
13. Vrije Universiteit Brussel
14. Queensland University of Technology
15. University of Florida
16. John Brown University
17. Université Paris-Descartes
18. University of Regensburg
19. Michigan State University
20. University of Colorado Boulder
21. University of Glasgow
22. Washington University in Saint Louis
23. Wayne State University
24. California State University, Long Beach
25. Brown University, Providence, Rhode Island
26. The University of Honk Kong
27. University of Nevada, Reno
28. Ludwig-Maximilians-Universität München
29. Dowling College, New York State
30. Colgate University, New York State

BRAIN. Broad Research in Artificial Intelligence and Neuroscience Volume 1, Issue 3, June 2010, ISSN 2067-3957 (online), ISSN 2068 -0473 (print)

TABLE OF CONTENTS

Section BRAINovations

1. **Design of an Action Selection Mechanism for Cooperative Soccer Robots Based on Fuzzy Decision Making Algorithm 5**
   S. Hamidreza Mohades Kasaei, S. Mohammadreza Mohades Kasaei, S. Alireza Mohades Kasaei, Mohsen Taheri

Section BRAINStorming

2. **Logical Extraction of Neo-cortex Structure 19**
   Ronald J. Swallow

3. **The relationship between Test Takers' Multiple Intelligences and Their Performance on the Reading Sections of TOEFL and IELTS 27**
   Mansour Fahim, Marzieh Bagherkazemi, Minoo Alemi

4. **EKG Through Sound-Card 42**
   Gheorghe Blioju

5. **Design and Implementation an Autonomous Humanoid Robot Based on Fuzzy Rule-Based Motion Controller 57**
   S. Hamidreza Mohades Kasaei, S.Mohammadreza Mohades Kasaei, S. Alireza Mohades Kasaei, S. A. Monadjemi, Mohsen Taheri

6. **Modeling and Implementation of Omnidirectional Soccer Robot with Wide Vision Scope Applied in Robocup-MSL 65**
   S. Hamidreza Mohades Kasaei, S.Mohammadreza Mohades Kasaei, S. A. Monadjemi, Mohsen Taheri

7. **Brain Diseases in Mesopotamian Societies 75**
   Piedad Yuste

Lecture BRAINotes

7. **Modular vs. Unitary (Non-modular) Views on the Brain and Mind 83**
   Minoo Alemi, Parisa Daftarifard

8. **Some Notes About Artificial Intelligence as New Mathematical Tool 88**
   Angel Garrido

© 2010 EduSoft