Archives for the Philosophy and History of Soft Computing

European Centre for Soft Computing
www.softcomputing.es

Issue 1/2013

INTERNATIONAL ONLINE JOURNAL
OPEN ACCESS
ISSN

EDITORIAL

APHSC, a forum for the debate on philosophical and historical aspects of Soft Computing.

Rudolf Seising [1], Alejandro Sobrino[2],
Martìn Pereira-Fariña[2], Marco Elio Tabacchi[3]

[1]ECSC, Spain
[2]Universidade de Santiago de Compostela, Spain
[3]Università degli Studi di Palermo and Istituto Nazionale di Ricerche Demopolis, Italy

Email: rudolf.seising@softcomputing.es ; alejandro.sobrino@usc.es; martin.pereira@usc.es; marcoelio.tabacchi@unipa.it;

Dear Reader,

We present the first issue of a new electronic online journal published in the European Centre for Soft Computing (ECSC):

Archives for the Philosophy and History of Soft Computing (APHSC)

Philosophy and History has been considered over time essential to deepen the knowledge of things as well as to place them into their proper context. Philosophy helps us to criticize what is already known and to imagine what is yet to come. History helps us to contextualize what we know in order to give full meaning to our thoughts. Although they use a way to search for the truth different from the scientific method, Philosophy and History helps to make Science more reflective and critical, incorporating it to the cultural heritage of the peoples. And this is a mission as important as the science itself, even that involved in the Soft Computing paradigm.

© 2013 by the Authors; licensee ECSC. This Open Access article is distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/2.0) Use, distribution, and reproduction in any medium is allowed, provided the original work is cited.

Although there are enough Journals concerning Soft Computing/Computational Intelligence, we can hardly find magazines devoted to the theoretical, -philosophical or historical- aspects relating to this area. As we know, every scientific community has its own style or rules of behavior, rules that are extended to how convincingly write what is conjectured or discovered in their area of expertise. This causes that each community have a style to present and describe its inquiries and findings often different to that employed by other communities.

Beyond the style used by each community, we believe that different floodlights can contribute to better illuminate a problem, revealing hidden angles that inevitably remain if only one perspective is adopted. It is a matter of fact that a lot of concepts often require opportunities for joint reflection by scholars of different fields, emerging new problems and challenges from the interaction between conceptual and technical/formal aspects. The **Archives for the Philosophy and History of Soft Computing** aims to encourage that interdisciplinary collaboration, favoring scientists and philosophers to write, using their own language, about the problems and challenges relevant to the fields concerned.

The **Archives for the Philosophy and History of Soft Computing** will provide a forum for reflections on Fuzziness and Soft Computing/Computational Intelligence from both science/technology and humanities/social sciences.

The **Archives for the Philosophy and History of Soft Computing** is devoted to philosophical, historical, sociological, and other humanistic approaches to reflect on the role of Fuzzy Logic, Fuzzy Sets and Systems, Artificial Neural Networks, Evolutionary Strategies and other methods of Soft Computing/Computational Intelligence in science and technology. It will be neither restricted to articles with a humanistic style nor with a scientific one. We expect submissions of papers from different disciplines and we will always ask reviewers from different academic areas for referee reports. Articles that elicit strong controversies during the review process but that the Editor deems worthy of publication can be published alongside a commentary. We may ask reviewers and authors to participate in an exchange of opinions to be published in the following issues. We expect anyway readers from any discipline to have a debate through letters and papers regarding opinions expressed in the articles published in APHSC. What we hope for is the nurturing of a long, deep and wide debate on all the current issues concerning the philosophical and historical aspects of Soft Computing.

The **Archives for the Philosophy and History of Soft Computing** will publish articles, interviews, discussions, and reviews. We foresee that each issue will include about three or four refereed articles.

The **Archives for the Philosophy and History of Soft Computing** will appear twice a year, in April and in October. Publication of papers in the **Archives for the Philosophy and History of Soft Computing** will be free of processing charges.

Subjects of the **Archives for the Philosophy and History of Soft Computing** include (but are not limited to):

- Interaction between conceptual aspects and technical developments of the notion of fuzziness, soft computing and satellite notions;
- Logical, epistemological, anthropological, ethical, and aesthetical aspects of Soft Computing/Computational Intelligence science and technologies;
- Historical, sociological, psychological and linguistic aspects of Soft Computing/Computational Intelligence science and technologies;
- Soft Computing/Computational Intelligence and arts, music, painting, sculpture and architecture;
- Soft Computing/Computational Intelligence in science, technology, and medicine;
- Didactics and teaching of Soft Computing/Computational Intelligence in schools, high schools and universities;
- Soft Computing/Computational Intelligence and Law, Politics, archaeology, criminology, economics, education, communication studies.

We hope you will enjoy this and the next issues of **APHSC**, and would also be able to contribute with articles, comments, criticism and new ideas.

All the best from **APHSC** Editorial Team,



Martin Pereira-Fariña *Assistant Editors* | Alejandro Sobrino *Editor in Chief* | Rudolf Seising *Editor in Chief* | Marco Elio Tabacchi *Assistant Editors*