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EDITORIAL I

Dear readers,

you are reading the first issue of the second volume of INDECS - *Interdisciplinary Description of Complex Systems*. It differs from the first volume both substantially and formally. Substantially, the Journal council includes Advisory Board, interdisciplinary and international in character, the members of which are Professors Vjekoslav Afrić, Aleksa Bjeliš, Marek Frankowicz and Katalin Martinás. In addition, the new member of the Editorial Board is Professor Karin Šerman. Formally, some details of the Journal format are improved in order to contribute to texts' content readability, and structure recognisability. An underlying contribution to the improvement regarding the previous issue is the emphasising the INDECS' contribution to the scientific community, as operationalised in the INDECOSA - the Annual award for the best published article, the details of which are found in another page.

The content of this issue was framed during the first Editorial Board meeting, on which it was concluded that Prof. Katalin Martinás is responsible for its guest-editing. Conclusively, Prof. Martinas and Prof. Michel Moreau are guest-editors of this issue. They formulated its content as the collection of representative papers presented during the International Workshop *Complex Systems in Natural and Social Sciences*, which was held in Budapest, 24-25 October 2003.

Zagreb, 16 June, 2004

Editors

EDITORIAL II

The purpose of the CSNSS'03 workshop was to bring together multidisciplinary groups of scientists working on applications of complex systems and nonlinear dynamics in physics, chemistry, mathematics, economy and future studies. The workshop was a continuation of the series of similar meetings that took place in Hungary (Mátrafüred 1995, Tata 1996, Budapest 1997, Mátrafüred 2002) and in Poland (Kazimierz Dolny 1999, Zakopane 2000, Torun 2001). It was intended to provide a forum to report researches, discuss emerging topics and gain new insights into: complex system approaches in biology, astrophysics, thermodynamic constraints and thermodynamical studies of socio-economic systems.

Key motivation was to provide a common ground for an open dialogue.

We hope that this purpose was fulfilled at least partially, since definitive success cannot be expected in this everlasting process of interchange between different fields of Science and Life.

The articles for the workshop were accepted after affirmative evaluation conducted by the program committee.

Budapest and Paris, June 2004

Katalin Martinás and Michel Moreau

INDECSA

In accordance with the conclusions of the 1st Meeting of INDECS Editorial Board, the annual award for the best published article of the Journal INDECS has been established. The propositions for its implementation are stated below.

INDECSA is the annual award of the Journal INDECS for the best article published in one volume.

The purpose of the award is additional accentuation of the selected article, on the basis of significant and widely recognised contribution to interdisciplinary description of complex systems, both scientifically and methodically.

The award consists of the plaque and an appropriate monetary amount, given to the author or authors' representative.

The best article is determined after voting of INDECS Council members and authors of all articles published in the year before the one for which the award is given. Each person contributes one vote to determination of the best article. Voting is performed at least one month after publication of the last issue of the volume for the corresponding year, and ends not later than one month before publication of the first issue of the next volume. The Commission for choosing the best article regulates the process.

The best article is the one that obtains the largest number of votes. If two articles are tied for the first place, the Commission for choosing the best article evaluates whether one of these stands out, in which case it is denoted as the best article. If the Commission determines that none of the articles stands out for that year the award is not given. If after the voting three or more articles share the largest number of votes the award is not given.

The Commission concludes the process with the decision about the best article which is announced on the web pages of the INDECS and in the next printed issue.

The Commission consists of three members of INDECS Council and all guest editors in the issues of the year considered. It is established by the editors in accordance with the previously stated elements. The establishing document specifies the monetary amount included in the award.

The articles in which at least one author is a member of the INDECS Council are excluded from the selection. The INDECSA is not awarded if there are no more than five articles fulfilling the process requirements.