FIRST Call FOR PAPERS

International BRICS Countries Congress on Computational Intelligence (BRICS-CCI)

co-located with sister conference

11th Brazilian Congress on Computational Intelligence (CBIC 2013)

Recife (Porto de Galinhas beach), Brazil, September 8th-11th, 2013

Website: http://www.brics-cci.org .OR   http://www.cbic2013.org

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*** BACKGROUND

Nature inspired techniques, soft computation, machine learning and stochastic

models are ubiquitous mainly because their evoked features of tackling complex

problems without necessarily formal prior knowledge required. This is quite an

edge to more traditional approaches in computer science. Naturally the myriad

of approaches and technologies available seems insurmountable and this is why

scientists and practitioners would profit to joint together to discuss advances

as well as to debate creating and understanding better the challenging tasks of

how to design and use these tools (and theory behind them), effectively. The crescent

creative novel means to tackle new as well as old problems is also a challenge to

be taught in regular programs, that is why the organizers have catered for including

two schools aimed at students in the area of Computational Intelligence �C they will

serve as good introduction and also specialization for various levels on future

scientists and practitioners. The very many advancements and people that contributed

to the field will be awarded for their deed, alongside competition sessions and six

thematic workshops (symposia) in transversally related areas to main tracks. Sports,

cultural and social agendas will also be well cared for as plans are to form/enhance

international links between participants. The stunning venue and impressive record

of top notch speakers will certainly make this one of the highlights of the year

in Computational Intelligence.

*** KEY DATES

Submission Deadline: April 19th, 2013

Notification of Acceptance: July 12th, 2013

Final Papers Due: July 31th, 2013

*** TOPICS

Topics of interest are neatly organized in three tracks and classified in

Problems, Approaches and Technologies. The mains tracks are:

1) Neural and Learning Systems;

2) Fuzzy and Stochastic Modeling; and

3) Evolutionary and Swarm Computing.

The complete list is at http://brics-cci.org/research-topics-brics-cci-cbic/

The six planned symposia will have transversal specific topics of interest,

such as: Bioinformatics, Complex Systems, Social Simulation, CI Apps. in

Defense Systems, CI Applications in Industry, and Competitions.

*** INTERNATIONAL CONFIRMED INVITED SPEAKERS

Alan Kirman (d'Aix Marseille Université, EHESS C France)

Andries Engelbrecht (U. Pretoria – South Africa)

Cristovam Buarque (UNB – Brazil)

Derong Liu (University Illinois – USA)

Hani Hagras (University Essex – England)

Hojjat Adeli (Ohio State University – USA)

Igor Aleksander (Imperial College London – England)

Jaime Sichman (USP – Brazil)

José Carlos Príncipe (University of Florida – USA)

Marco Dorigo (Université Libre de Bruxelles – Belgium)

Philippe De Wilde (Heriot-Watt University – Scotland)

Ronald Yager (Iona College – USA)

Russell Eberhart (Purdue University – USA)

Sanaz Mostaghim (KIT – Germany)

Sankar Pal (ISI – India)

Swagatam Das (ISI – India)

Xin Yao (University of Birminham – England)

Yaser Abu-Mostafa (Caltech Institute – USA)

Ying Tan (Peking University – China)

Yuhui Shi (U. Jiaotong-Liverpool – China)

*** PAPER PUBLICATION

We have already confirmed six special issues of the five journals below (three more are still pending confirmation):

+International Journal of Swarm Intelligence Research (IJSIR)

+International Journal of Natural Computing Research (IJNCR)

+International Journal of Machine Learning and Computing (IJMLC)

+Linear and NonLinear Models (L&NLM)

+Journal of the Brazilian Computer Society (JBCS)

*** PAPER SUBMISSION

i) Submissions should be formatted according to the IEEE A4 double column; templates are at http://www.ieee.org/conferences_events/conferences/publishing/templates.html.

ii) To allow the proper kind of scientific communication, all papers will be complete (no short papers). And they can be presented orally as well as posters. This to be reccommended after the evalution by the Technical Program Committee.

iii) Paper types are:

+ Type-O (on-going work): up to 2-page papers for presenting positions, on-going work and/or interesting ideas. They will be presented orally (15 minutes each, including questions) in the 'On going work sessions' and will be listed in the electronic proceedings (e-proceedings);

+ Type-R (Regular): up to 6-page papers will be presented orally in regular parallel sessions (15 minutes each, including questions) that will be published in full in electronic proceedings. Papers maybe be accepted for presentation as poster, but they will also be entitled to full publication in electronic proceedings. Many good papers will be selected to be published in extended manner in one of the already confirmed several special journal edition already committed;

+ Type-X (Extended): selected type-R papers will be invited to extension up to 10 pages and will be presented orally in special parallel sessions (20 minutes each, including questions). They are all going to be published extended in special journal editions;

iv) For submissions (both on-going work, regular or extended), use

  https://www.easychair.org/conferences/?conf=bricsccicbic2013   [or via website]

v) For more details please check the website of congress at www.brics-cci.org

*** INTERNATIONAL PROGRAM COMMITTEE

(see website for up-to-date list of names)

***ORGANIZATION

GENERAL JOINT-CHAIRS of BRICS-CCI & CBIC �C 2013

(B) Prof. Fernando Buarque (University of Pernambuco �C Brazil)

(R) Prof. Ildar Batyrshin (Moscow Power Energy Institute �C Russia)

(I) Prof. Sankar Pal (Indian Statistical Institute �C India)

(C) Prof. Ying Tan (Peking University �C China)

(S) Prof. Tshilidzi Marwala (University of Johannesburg �C South Africa)

For a complete list of organizers, please check: http://brics-cci.org/us/

We are waiting for your paper and to welcome in the stunning Porto de Galinas beach!

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