



**BRICS-CCI'2013 – 1<sup>st</sup> BRICS Congress on Computational Intelligence**  
**CBIC'2013 – 11<sup>th</sup> Brazilian Congress on Computational Intelligence**

(Internet: [brics-cci.org](http://brics-cci.org) .OR. [cbic2013.org](http://cbic2013.org))

Recife (Porto de Galinhas Beach), Pernambuco – Brazil  
**8<sup>th</sup> - 11<sup>th</sup> September of 2013**



**Honorary Joint-Chairs {& Keynote Speakers}: Prof. Hojjat Adeli (Ohio State) \* Prof. Igor Aleksander (Imperial College) \* Prof. José Príncipe (Uni. Florida)**  
**Opening Speech: Prof. Cristovam Buarque (UNB) Prof. Marco Dorigo (Université Libre de Bruxelles) \* Prof. Russell Eberhart (Purdue University)**

# SECOND Call-For-Papers

Submissions: **NEW DEADLINE IS 20<sup>th</sup> of MAY (Monday)**

Publications: **10 Special issues of major international Journals**

- International Journal of Neural Systems (IJNS)
- Journal of the Brazilian Computer Society (JBCS)
- International Journal of Natural Computing Research (IJNCR)
- International Journal of Machine Learning and Cybernetics (IJMLC)
- Linear & NonLinear Models (SBIC Journal)
- Integrated Computer-Aided Engineering (ICAE)
- Int'l Journal of Computational Intelligence and Applications (IJCIA)
- International Journal of Swarm Intelligence Research (IJSIR)
- Journal of Behavioral Robotics (Paladyn)
- [NEW] BRICS-Journal on Computational Intelligence (BRICS-CI)

## Congress Main-Tracks:

Track-1: Neural & Learning Systems

Track-2: Fuzzy & Stochastic Modeling

Track-3: Evolutionary & Swarm Computation

## Co-located symposia:

- (i) CI in Bioinformatics
- (ii) CI Applications in Defense Systems
- (iii) CI Applications in Industry
- (iv) Social Simulation
- (v) Complex Systems

## New co-located symposia/activities:

- (vi) School(s) on Computational Intelligence
- (vii) CI/AI Theses&Dissertations Competitions
- (viii) CI Algorithms Competitions
- Special Awards for Outstanding Pioneers
- Best Papers Awards (CI & Symposia)
- Three Panels of Specialists (+Trial of AI)
- Thematic Meetings on BRICS & Funding
- Cultural & Sports/Outdoors Activities

**(Porto de Galinhas Beach, ten years in a row, selected best beach in Brazil)**

*Actual photo of the venue pool*

## Keynote speakers:

[ML] Yaser Abu-Mostafa (Caltech) \* [Rationality] Alan Kirman (d'Aix Marseille) \* [ABSS] Jaime Sichman (USP) \* [Pervasive] Boleslaw Szymanski (Rensselaer)

**Invited Speakers:** [Neural&Learning] Derong Liu (U. Illinois) \* [Fuzzy&Stoc. Modeling] Hani Hagrass (U. Essex) \* [Evo&Swarm] Xin Yao (U. Birmingham)  
 (plenary) [Computing with Words] Ronald Yager (Iona) \* [Intell. Control] G. Kumar Venayagamoorthy (Clemson) \* [Optimization] Sanaz Mostaghim (KIT)

## General Joint-Chairs:

Prof. Fernando Buarque (University of Pernambuco) Prof. Ildar Batyrshin (Moscow Power Eng. Institute) Prof. Sankar Pal (Indian Statistical Institute-Kolkata) Prof. Ying Tan (Peking University) Prof. Tshilidzi Marwala (University of Johannesburg)   
 [\*New\* BRICS Journal on C.I. - Editor]

## Technical Chairs:

[General Program Chair] Prof. Carmelo Bastos Filho (UPE) [General Publication Chair] Prof. Guilherme Barreto (UFC)  
 BRICS-CCI: [Program Chair] Prof. Andries Engelbrecht (Pretoria) CBIC [Program Chair] Prof. Antônio Braga (UFMG)  
 BRICS-CCI: [Award Chair] Prof. Ildar Batyrshin (MPEI TU) CBIC [Award Chair] Prof. Emilio Hernandez (USP)  
 BRICS-School on C.I. [Director] Prof. Ying Tan (Peking Univ.) CBIC-School on C.I. [Director] Prof. Aluizio Araújo (UFPE)  
 BRICS-CCI & CBIC [Conflict of Interest Chair] Prof. Carlos Pedreira (UFRJ)

Realization: Local Organization:

## Technical Co-chairs (Track-Chairs):

BRICS-CCI: [Neural&Learning] Prof. Marley Vellasco (PUC-Rio) \* [Fuzzy&Stochastic] Prof. Ashish Ghosh (ISI) \* [Evo&Swarm] Prof. Yuhui Shi (Jiaotong)  
 CBIC: [Neural&Learning] Prof. André Carvalho (USP) \* [Fuzzy&Stochastic] Prof. Ivan Nunes (USP) \* [Evo&Swarm] Prof. Frederico Gadelha (UFMG)

## Symposia Chairs/Co-Chairs:

[Social Simulation] Graçaliz Dimuro (FURG) / Juan Pavón (Complutense Madrid) \* [Complex Systems] R. Menezes (FIT) / Filippo Simini (Northeastern)  
 [Algorithm Competitions] Paulo Adeodato (UFPE) / Swagatam Das (ISI) \* [CI in Bioinformatics] Heitor Lopes (UTFPR) / Renato Tinós (USP)  
 [Applications in Defense Systems] Ronaldo Salles (IME) / Carlos Ribeiro (ITA) \* [Applications in Industry] Bernd Hellingrath (U. Münster) / Carlos Thomas (FEI)

## Publicity Chairs:

[Brazil] José A. Costa (UFRN) / Leandro Nunes (U. Mackenzie) [Russia] Alexandr Eremeev (MPEI TU) [India] Snehshish Chakraverty (NIT)  
 [China] Zhigang Zeng (Huazhong) [South Africa] Bhekisipho Twala (U. Joburg) [Europe] Hujun Yin (U. Manchester) [USA] Ronaldo Menezes (FIT)

**2 Joint Conferences, 4 Panels for discussions, 8 Symposia (2 Schools), 10 Int'l Journals, 10 Plenary talks, Many Thematic Meetings on CI & BRICS Algorithms & Theses/Dissertations Competitions, Sports and Touristic Activities, Awards for Best papers & Outstanding people. Busy Cultural Agenda, Family & Environment friendly Congress. Over 45 universities and 90 people involved in this pioneering event!**

**Students will be welcome; Sessions for on-going work too. -We wait for you next September!**

(Actual photos of venue - credits to V. Lubambo)