

Call for Papers

Special Session on

HYBRID NATURE INSPIRED APPROACHES

IN CONJUGATION WITH 7TH WORLD CONGRESS ON

NaBIC

(Nature and Biologically Inspired Computing)

<http://www.mirlabs.net/nabic15/welcome.php>

December 1 – 3, 2015 at Pietermaritzburg, South Africa

PUBLICATION



[AISC Series](#)
(Tentative)



Scope

Nature Inspired Algorithms (NIA) have gained high attention among researchers to solve optimization problems. The success of NIA has been ubiquitously evidenced in various problem domains, e.g., continuous, combinatorial, mixed continuous-discrete, single-objective, multi-objective, constrained, large-scale, multimodal, dynamic and uncertain optimization problems. In hybrid nature inspired approaches (HNIA), any nature inspired algorithms can be assisted by various methods/techniques including nature inspired algorithms themselves, Particle Swarm Optimization, Ant colony Optimization, Artificial Bee Colony, Bat Algorithm, Bees Algorithm, Bacteria Foraging, Cuckoo Search, other local search methods. This special session on HNIA is organized to explore and exchange the recent advancements and various applications of hybridization techniques in nature inspired algorithms to deal with real world complex problems in Science, Engineering and Management.

Aim

The aim of this Special Session is to bring together researchers, scientists, engineers and academicians to review and re-analyze past achievements, to report and discuss both the theory of the new hybrid nature inspired methods, and their applications in different domains of life.

Call for Papers

Authors are invited to submit their novel research and unpublished work to this special session. Topics of interests include but are not limited to the following:

- Recent effective hybrid nature inspired algorithms
- Customized Hybrid Evolutionary Algorithms based on the context of application
- Case studies of use of HNIA in various domains/sectors.
- Hybridization of local search techniques, population initialization process etc.

Important Dates

Paper Submission **August 21, 2015**
Notification of Acceptance **September 10, 2015**
Registration of Authors of accepted papers **September 25, 2015**

Paper Submission

Full Length paper can be submitted through the easy chair link provided at the Conference website:
<https://easychair.org/account/signin.cgi?key=26748221.41KpZeVZrBQiaqMS>

Track Chair

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