

CFP - 18th International Workshop on Nature Inspired Distributed Computing (NIDISC'15)  
<http://nidisc2015.gforge.uni.lu/> 25-29 May 2015 - Hyderabad, India

Techniques based on metaheuristics and nature-inspired paradigms can provide efficient solutions to a wide variety of problems. Moreover, parallel and distributed metaheuristics can be used to provide more powerful problem solving environments in a variety of fields, ranging, for example, from finance to bio- and health-informatics.

## Workshop Theme :

This workshop seeks to provide an opportunity for researchers to explore the connection between metaheuristics and the development of solutions to problems that arise in operations research, parallel computing, telecommunications, bioinformatics, and many others.

## Topics of interest

include, but are not limited to:

- Nature-inspired methods (e.g. ant colonies, GAs, cellular automata, DNA and molecular computing, local search, etc) for problem solving environments.
- Parallel and distributed metaheuristics techniques (algorithms, technologies and tools).
- Applications combining traditional parallel and distributed computing and optimization techniques as well as theoretical issues (convergence, complexity, etc).
- Other algorithms and applications relating the above mentioned research areas.

## General Chair :

Albert Y. Zomaya The University of Sydney, Australia ( [zomaya@it.usyd.edu.au](mailto:zomaya@it.usyd.edu.au) )

## Program Co-chairs :

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## **Program Committee :**

- A. Al-Dubai, Edinburgh Napier University, United Kingdom
- A. Al-Jumaily, University of Technology Sydney, Australia
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- G. Spezzano, University of Calabria, Italy
- Z. Tari, RMIT University, Australia
- A. Tchernykh, CICESE Research Center, Mexico
- F. Xhafa, Polytechnic University of Catalonia, Spain

## **Submission :**

Prospective authors of original, unpublished high quality research articles are invited to submit their contributions. NIDISC papers should not exceed 10 two-column pages including figures and references in the traditional IEEE format used in IPDPS. Authors can purchase up to two additional pages for camera-ready after acceptance.

Authors should submit a PDF or Word file through the EDAS system: <http://edas.info/N18811> .

Paper submission indicates the intention of the author to present the paper at the NIDISC 2015 workshop.

All papers will be reviewed by Program Committee members. Accepted papers will be published in the proceedings of the IEEE International Symposium on Parallel & Distributed Processing, Workshops and PhD Forum (IPDPSW) and available in the IEEE Digital Library.

Written by Marc Sevaux

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**Important Dates:**

- Submission Deadline - December 19, 2014
- Notification of Acceptance - January 24, 2015
- Final Copy Due - February 28, 2015
- Workshop - May 25-29, 2015