

NAMDAC 2017

2nd International Workshop on Numerical Algorithms and Methods for Data Analysis and Classification

Collocated with:

[SITIS 2017 - The 13h International Conference on Signal Image Technology & Internet based Systems](#)

4-7 December 2017 - Jaipur, India

Scope of the Workshop

The extraction and the assessment of useful information from the huge amount of data available in Bioinformatics, Neurosciences, Cloud Web Services or Climate modeling poses many challenges and difficulties. The goal of the workshop will be to approach and discuss recent trends in data mining, focusing on the analysis and the classification of large data sets using novel methods, numerical models and efficient and reliable algorithmic strategies belonging to the family of clustering and genetic algorithms, neural networking and regression analysis. In particular, we are interested in the emerging techniques for data analysis addressed to relevant real-world applications, in order to share ideas, experiences and research results.

Topics for the workshop include, but are not limited to:

- Numerical Methods for data analysis
- Parallel Dynamical Systems
- Inverse Problems
- Numerical Optimization
- Numerical Methods for Signal and Image Processing
- Multivariate Analysis
- Data Mining
- Classification Methods
- Scientific and Parallel Computing
- GPU Computing

Important dates

Submission deadline: **August 27, 2017**

Acceptance/Reject notification: **October 3, 2017**

Camera-ready: October 17, 2017

Author Registration: October 19, 2017

Submission

Each submission should be at most 8 pages in total including bibliography and well-marked appendices, and must follow the IEEE double columns publication format available at:

- [Microsoft Word DOC](#)
- [LaTeX Formatting Macros](#)

Paper submission will only be online via: [Easy Chair](#).

Only pdf files will be accepted. Submissions not meeting these guidelines risk rejection without consideration of their merits. All submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of expression by at least two reviewers. The organizers will examine the reviews and make final paper selections.

Publication

All the papers accepted for the workshop will be included in the conference proceedings. The proceedings will be published by [IEEE Computer Society](#). Content will be submitted to the indexing companies for possible indexing. They will be available at the conference.

Registration

At least one author of each accepted paper must register for the workshop. Workshop registration fee is determined by SITIS. A single registration for the workshop or the conference allows attending both events.

Workshop Co-Chairs

- Salvatore Cuomo, University of Naples Federico II, Naples, Italy
- Ardelio Galletti, University of Naples "Parthenope", Naples, Italy
- Livia Marcellino, University of Naples "Parthenope", Naples, Italy
- Jose C. Valverde, University of Castilla-La Mancha, Castille-La Mancha, Spain

Program Committee (draft)

Rosanna Campagna, University of Naples "Parthenope", Italy
Antonio Cicone, University of L'Aquila, Italy
Pasquale De Michele, University of Naples Federico II, Italy
Giulio Giunta, University of Naples "Parthenope", Italy
Antonio Maratea, University of Naples "Parthenope"
Raffaele Montella, University of Naples "Parthenope"
Angelo Riccio, University of Naples "Parthenope"
Gerardo Toraldo, University of Naples Federico II, Italy
Pierangelo Veltri, University of Magna Graecia, Catanzaro, Italy

Contact

Ardelio Galletti, Ph.D.

Dipartimento di Scienze e Tecnologie,
University of Naples "Parthenope", Italy
email: ardelio.galletti@uniparthenope.it

https://www.scienzeetecnologie.uniparthenope.it/docenti_pagina.php?id_nomina=35

Skype: a.galletti

Livia Marcellino, Ph.D.

Dipartimento di Scienze e Tecnologie,
University of Naples "Parthenope", Italy
email: livia.marcellino@uniparthenope.it

https://www.scienzeetecnologie.uniparthenope.it/docenti_pagina.php?docenti_gridPage=2&id_nomina=44