Algorithms for Air Traffic Prediction

Guest Editors:

Dr. Pablo Chamoso
BISITE Research Group,
University of Salamanca, Calle
Espejo sn, 24.2, 37007
Salamanca, Spain

Dr. Guillermo Hernández
BISITE Research Group,
University of Salamanca. Calle
Espejo sn, 24.2. 37007
Salamanca, Spain

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Message from the Guest Editors

Dear Colleagues,

Air transport is increasingly one of the main options that users choose when travelling over medium and long distances. It is a sector in which different airports and airlines compete to attract the largest number of passengers in order to optimise their offer and costs. Their strategies are based on predictions that implement novel algorithms using the large amount of information available.

The aim of this Special Issue is to collect papers describing the main technological tools currently applied when making predictions to model air traffic in the short, medium, and long term.

Dr. Pablo Chamoso
Dr. Guillermo Hernández
Guest Editors

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Special Issue

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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