



Evolutionary Algorithms in Health Technologies

Guest Editors:

Dr. Steve Ling

Department of Electrical and
Data Engineering, University of
Technology Sydney, Sydney
00099F, Australia

Dr. Hak Keung Lam

Department of Engineering,
King's College London, London
WC2R 2LS, UK

Deadline for manuscript
submissions:

closed (15 May 2019)

Message from the Guest Editors

Dear Colleagues,

Health technology research brings together complementary interdisciplinary research skills in the development of innovative health technology applications. Recent research indicates that **artificial intelligence** can help achieve outstanding performance for particular types of health technology applications. Evolutionary algorithms is one of the subfields of **artificial intelligence**, and is an effective **algorithm** for **global optimization** inspired by **biological evolution**. With the rapidly growing complexity of design issues, methodologies and more demanding quality of health technology applications, the development of evolutionary computation algorithms for health has become timely and of high relevance. This Special Issue intends to bring together researchers to report the recent findings in evolutionary algorithms in health technology.

Dr. Steve Ling

Dr. Hak Keung Lam

Guest Editors





an Open Access Journal by MDPI

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.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), Ei Compindex, and other databases.

Journal Rank: JCR - Q2 (Computer Science, Theory and Methods) / CiteScore - Q1 (Numerical Analysis)

Contact Us

Algorithms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/algorithms
algorithms@mdpi.com
[X@Algorithms_MDPI](https://twitter.com/Algorithms_MDPI)