

## Special Issue

# Perspectives on Big Data and Data Sciences

### Message from the Guest Editors

It all started with the explosion of data generated since the dawn of the digital age in the 1970s. Currently, every two days we create as much data as we did from the beginning of time until 2000. Big data and data science have appeared because of the rise of computers, the Internet and the technology capable of generating, storing, organising and processing data from the world we live in. This Special Issue aims to present technical results in mathematics, physics, biology and other areas which can help the understanding of data science but also its limits and potential dangers. Keywords

- Big data
- Data science
- Spurious correlation
- Limits
- Data science in physics, biology and beyond

---

### Guest Editors

Prof. Dr. Cristian S. Calude

Prof. Dr. Giuseppe Longo

Prof. Dr. Maël Montévil

---

### Deadline for manuscript submissions

closed (31 January 2020)



## Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6



[mdpi.com/si/18102](https://mdpi.com/si/18102)

*Axioms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[axioms@mdpi.com](mailto:axioms@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[axioms](https://axioms)





# Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6



[mdpi.com/journal/  
axioms](https://mdpi.com/journal/axioms)



## About the Journal

### Message from the Editor-in-Chief

*Axioms* is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public  
University of Navarra, 31006 Pamplona, Spain

---

### Author Benefits

#### Open Access

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

#### High visibility:

indexed within SCIE (Web of Science), dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Mathematics, Applied)