



## Logic and Science

Guest Editor:

**Dr. Fabien Paillusson**

School of Maths & Physics,  
University of Lincoln, Lincoln LN6  
7TS, UK

[FPaillusson@lincoln.ac.uk](mailto:FPaillusson@lincoln.ac.uk)

Deadline for manuscript  
submissions:

**closed (15 November 2020)**

## Message from the Guest Editor

Is there a logic to science? If so, what is its nature? While some have argued that probability theory was the overarching logic of science, some may take issue with this thesis; disputing it to be a valid descriptive or prescriptive claim. Furthermore, what can be said of other logical threads within individual disciplines or theories? Are they all of the same kind and, if a logic is identifiable, does it contribute to constraints (e.g. consistency) that a "good theory" should have in a given discipline?

By addressing the aforementioned concerns or related questions, this Special Issue of *Philosophies* aims to bring together logic and philosophy of science in an original and contemporary light.





## Editor-in-Chief

### Prof. Dr. Marcin J. Schroeder

Global Learning Center, IEHE  
(Institute for Excellence in Higher  
Education), Tohoku University,  
Sendai 980-8576, Japan

## Message from the Editor-in-Chief

*Philosophies* searches for the syntheses of philosophical and scientific inquiries. It promotes philosophical work that is derived from the experience of diverse scientific disciplines and cultures. Multiple philosophies already exist — those of logic, information, computation, natural and artificial life, natural or artificial intelligence, complexity, technology, etc. Our mission is not to abandon philosophical roots and traditions of inquiry, but to promote the development of philosophical foundations and effective methodologies derived from diverse scientific explorations, and intended to enhance these explorations as to generate deeper and more holistic knowledge. Innovation may also be achieved through the cultural dimension. Other cultures can offer from their heritage a diversity of resources for exploration; these resources can also contribute to the emergent synthesis of philosophical inquiry.

## 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), PhilPapers, and many other databases.

**Rapid Publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 20.4 days after submission; acceptance to publication is undertaken in 6.2 days (median values for papers published in this journal in the first half of 2021).

## Contact Us

*Philosophies*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/philosophies](http://mdpi.com/journal/philosophies)  
[philosophies@mdpi.com](mailto:philosophies@mdpi.com)