



entropy



an Open Access Journal by MDPI

Black Hole Information Problem: Challenges and Perspectives

Guest Editors:

Prof. Dr. Qingyu Cai

Center for Theoretical Physics,
Hainan University, Haikou
570228, China

Prof. Dr. Baocheng Zhang

School of Mathematics and
Physics, China University of
Geosciences, Wuhan 430074,
China

Prof. Dr. Christian Corda

SUNY Polytechnic Institute, Utica,
NY 13502, USA

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

The aim of this Special Issue is to further stimulate progress in the field of black hole information loss research and to collect articles and short reviews contributing to the development in this field. We welcome submissions on theoretical advancements in topics including but not limited to those mentioned below:

1. **Hawking Radiation and Information Retrieval**
2. **Firewall Hypothesis**
3. **Soft Hair and Memory of Black Holes**
4. **AdS/CFT Correspondence and Holography**
5. **Quantum Error Correction in Quantum Information Theory**
6. **Black Hole Remnants**
7. **Quantum Tunneling and Information Recovery**



mdpi.com/si/199400

Special Issue



entropy



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University
at Albany, 1400 Washington
Avenue, Albany, NY 12222, USA

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [Inspec](#), [PubMed](#), [PMC](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Physics, Multidisciplinary*) / CiteScore - Q1 (Mathematical Physics)

Contact Us

Entropy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/entropy
entropy@mdpi.com
[X@Entropy_MDPI](#)