# **Special Issue**

# Condensed-Matter-Principia Based Information & Statistical Measures: From Classical to Quantum

# Message from the Guest Editors

The proposed Special Issue calls for papers dealing with physicochemical, condensed-matter systems, or their interdisciplinary analogs, for which really precise and well-defined classical vs. quantum information measures can be inferred, based preferably on the entropy concept. This Special Issue is devoted in part to recognizing the outstanding contribution to statistical thermodynamics and condensed matter physics by Professor Gerard Czajkowski, former institute director and vice rector for research at the UTP University of Science and Technology, Bydgoszcz, Poland. The recognition event is sponsored by the Marshal of Kujawsko-Pomorskie Voivodship in Toruń, Poland.

#### **Guest Editors**

Prof. Dr. Adam Gadomski

Institute of Mathematics and Physics, Bydgoszcz University of Science and Technology, 85-796 Bydgoszcz, Poland

Prof. Sylwia Zielińska-Raczyńska

Institute of Mathematics and Physics, UTP University of Science and Technology, 85-796 Bydgoszcz, Poland

# Deadline for manuscript submissions

closed (20 December 2019)



an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/28622

Entropy

MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 entropy@mdpi.com

mdpi.com/journal/ entropy





an Open Access Journal by MDPI

Impact Factor 2.1 CiteScore 4.9 Indexed in PubMed



# **About the Journal**

# 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.

# Editor-in-Chief

Prof. Dr. Kevin H. Knuth

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

#### **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)

