



universe



an Open Access Journal by MDPI

Phase Diagram of Strongly-Interacting Matter and Physics of Heavy Quarks

Guest Editors:

Prof. Dr. David Blaschke

Dr. Vitaly Bornyakov

Prof. Dr. Konstantin Klimenko

Dr. Alexey Luchinsky

Dr. Roman Rogalyov

Dr. Roman Zhokhov

Deadline for manuscript
submissions:

closed (1 September 2021)

Message from the Guest Editors

Dear colleagues,

The organizers of the XXXII International Workshop on High Energy Physics "Hot problems of Strong Interactions" and Universe are going to produce a Special Issue.

The main topic, phase diagrams of strongly-interacting matter, included the discussion of the phase structure of QCD at high temperature and baryon density, and the influence upon them of various conditions such as chiral and isospin densities, strong magnetic fields and vorticity, etc. QCD phase diagrams in the context of astrophysics, heavy-ion collisions and the early universe have been overviewed.

The Guest Editors of the Special Issue are happy to invite you to submit your paper for publication in this Special Issue of Universe.

Prof. Dr. David Blaschke
Dr. Vitaly Bornyakov
Prof. Dr. Konstantin Klimenko
Dr. Alexey Luchinsky
Dr. Roman Rogalyov
Dr. Roman Zhokhov
Guest Editors



mdpi.com/si/71308

Special Issue



universe



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lorenzo Iorio

Ministero dell'Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari, BA, Italy

Message from the Editor-in-Chief

The multidisciplinary *Universe* journal is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the editorial board, I extend my welcome to this new journal and look forward to hearing from the interested contributors and learning about their valuable research.

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), Astrophysics Data System, INSPIRE, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Astronomy and Astrophysics*) / CiteScore - Q2 (*General Physics and Astronomy*)

Contact Us

Universe Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/universe
universe@mdpi.com
X@Universe_MDPI