



New Perspectives on Galactic Magnetism

Guest Editors:

Dr. Sui Ann Mao

Max Planck Institute for Radio
Astronomy, 53121 Bonn,
Germany

Dr. Andrew Fletcher

School of Mathematics and
Statistics, Newcastle University,
Newcastle upon Tyne NE1 7RU,
UK

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editors

Dear Colleagues,

We invite you to submit manuscripts for a Special issue of *Galaxies* on “New Perspectives on Galactic Magnetism”. Rapid improvements in the observing capabilities of radio telescopes and in the physical realism of numerical simulations, as well as growing activities due to the Square Kilometre Array and its pathfinders, suggest to us that an overview of the current state of the field would be useful and timely. This Special Issue aims to provide a platform to facilitate effective communication between observers, theorists and simulators to advance our field in new directions. It will contain both critical reviews and current research articles on new developments in all aspects of galactic magnetism. We particularly welcome contributions on: The connection with other components of the interstellar medium, including cosmic rays; the use of numerical simulations to help interpret observations; revisiting and addressing common assumptions used in the field; new observational techniques and recent advances in numerical simulations.

Dr. Sui Ann Mao

Dr. Andrew Fletcher

Guest Editors





an Open Access Journal by MDPI

Editors-in-Chief

Dr. Margo Aller

Department of Astronomy,
University of Michigan, Ann
Arbor, MI 48109-1042, USA

Dr. Jose L. Gómez

Instituto de Astrofísica de
Andalucía (IAA-CSIC), Glorieta de
la Astronomía S/N, 18008
Granada, Spain

Message from the Editorial Board

Galaxies provides an advanced forum for studies related to astronomy, astrophysics, and cosmology, including all of their subfields. Different formats, such as specialized research articles, reviews, communications and technical notes are welcomed. Manuscripts containing original and creative research proposals and ideas are especially appreciated.

We encourage scientists to publish their astronomical observations and theoretical results in as much detail as possible. There is no restriction on the paper length and full experimental and methodological details, as applicable, should be provided. All papers will be peer reviewed promptly. On behalf of the distinguished members of the editorial board, I extend my welcome to all researchers working on these subjects to contribute to *Galaxies*.

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), Astrophysics Data System, INSPIRE, Inspec, and other databases.

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

Contact Us

Galaxies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/galaxies
galaxies@mdpi.com
[X@Galaxies_MDPI](https://twitter.com/Galaxies_MDPI)