Stellar Astrophysics, 2nd Edition

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will cover a number of subjects, which are as follows:

- The life cycle of stars;
- Brown dwarfs and hot Jupiters;
- Endpoints of stellar evolution;
- Evolution of stars in binary systems;
- Planetary systems in the galaxy;
- Stellar explosions, novae and supernovae, and stellar winds;
- Stellar magnetic fields;
- Black holes and neutron Ssars;
- Star formation across cosmic time;
- Stellar dynamics and the galactic structure;
- Mapping the galactic stellar populations with Gaia;
- Star formation in starburst galaxies;
- Stellar associations—open clusters and globular clusters;
- Observational facilities and techniques;
- Multi-wavelength synergies;
- Stellar astrophysics with future facilities;
- Gravitational waves from compact stellar systems.

Prof. Dr. Roberto Mignani
Guest Editor

Special Issue

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
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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.

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