

Special Issue

The Royal Road: Eclipsing Binaries and Transiting Exoplanets, 2nd Edition

Message from the Guest Editors

This second Special Issue will target the same topics, being those related to the analysis and information content of light curves showing eclipsing and transiting events. Some of them are classical problems which are put in a new light in the era of ultraprecise space photometry. Some other issues have become widely observable with space photometry (e.g., only few heart-beat binaries were known by ground-based observations, and hundreds were discovered using space photometry; the beaming effect was found using space photometry using CoRoT for the first time). Instead of giving such a detailed, lengthy list of those effects, we instead call for contributions—original research and review papers—to this Special Issue, which may include any topic related to the extraction of information from eclipse/transit light curves, ETVs/TTVs, the phase curves of eclipsing binary stars, and transiting exoplanets. We encourage submissions on light curve analysis of ultraprecise high-duty-cycle space-based photometries, but contributions are not limited to space-photometry.

Guest Editors

Dr. Tamás Borkovits

Baja Astronomical Observatory of University of Szeged, Szegedi út, Kt. 766, H-6500 Baja, Hungary

Dr. Szilard Csizmadia

Deutsches Zentrum für Luft- und Raumfahrt, Institute of Planetary Research, Rutherfordstrasse 2, D-12489 Berlin, Germany

Deadline for manuscript submissions

30 January 2026



Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



mdpi.com/si/236062

Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

mdpi.com/journal/

universe





Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



[mdpi.com/journal/
universe](https://mdpi.com/journal/universe)



About the Journal

Message from the Editor-in-Chief

The multidisciplinary journal *Universe* 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 Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari,
Italy

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)