

EDITORIAL

In the 54-th edition of the journal Contributions of the Astronomical Observatory Skalnaté Pleso (CAOSP), 11 regular articles on 228 pages in three issues and 32 articles on 242 pages in the form of one "Special Issue" were published in 2024. According to the *Journal Citation Reports* database, the articles published in 2023 received 167 citations corresponding to the journal impact factor (JIF) of 0.4 and the JIF Quartile Q4.

Volume 54/1 published four regular articles. Two papers presented a useful software: (i) Mapping the main-belt asteroid's passages through known meteoroid streams, and (ii) performing the internal consistency between mean geocentric parameters and mean elements of a meteor shower. One article was devoted to the dwarf nova V503 Cyg, focused on the analysis of its super-outburst, a normal outburst, and a quiescent phase, mostly based on the TESS data. One purely theoretical article dealt with modeling a normal stars structure within the generalized polytropic model.

Volume 54/2 introduces selected contributions based on lectures from proceedings of our workshop "Observing techniques, instrumentation and science for metre-class telescopes III", held in Tatranská Lomnica during September 11.-15., 2023. The conference was organized on the occasion of the 80th anniversary of the first observations at the Skalnaté Pleso Observatory. The main goal of the conference was to highlight the significant role of small telescopes in astronomy and astrophysics research. The conference showed the importance of small telescopes in carrying out long-term monitoring programs, high-cadence observations of transient phenomena and all-sky surveys by robotic telescopes.

Volume 54/3 published three extended papers. The first deals with the light curve analysis for the two eclipsing binary stars EM Cet and EL Cen, while the second one presents an investigation of a pair of open clusters NGC 7031 and NGC 7086 utilizing Gaia DR3. The third theoretical article considers an interesting property of gravity within the general relativity that causes the innermost parts of ultra-compact objects (e.g. neutron stars) to be hollow.

Volume 54/4 published four regular articles. The first one presents an interesting method that allows us to characterize and detect classical Be and Herbig Ae/Be stars in Gaia low-resolution BP/RP spectra, which can distinguish emission-line objects from normal stars. Another interesting article presents photometric measurements of asteroid (12499) 1998 FR47, in which the authors investigate its rotational properties and the possibility of being a binary system. There is also one theoretical article presenting modeling of the internal structure of hot white dwarfs within a hybrid model. Finally, standard modeling of the light curves of W UMa type binaries can also be found.

To make the published manuscripts more "reader-friendly" we made some minor changes in our LaTeX and bibTeX styles (version 3.10). The hypertext links for references with DOI are now available in the resulting PDF.

Tatranská Lomnica, January, 2025

Augustín Skopal, Editor-in-Chief

Richard Komžík, Managing Editor

