Higher Structures

> *. . . die Einheit der Erkenntnis, ohne welche alles Wissen nur Stückwerk ist, . . .*
> . . . the unity of knowledge, without which all knowledge is merely patchwork, . . .
> (Kant, *Nachricht*, 1765)

Welcome to Higher Structures!

The growth of mathematical knowledge has been ever increasing in the recent past. In several fields, this has entailed the use of progressively sophisticated and complex structures and accordingly has brought about the necessity to work with them efficiently. These developments have consequentially required a parallel focus on higher structures that govern and unify these tools. The advancement of these higher structures is essential for the evolution of the common language of mathematicians and presents an important future direction of mathematical research.

This journal is aimed to be a home for these endeavours. It will publish articles that make significant new contributions to mathematical science using higher structures, or that significantly advance our understanding of the foundational aspects of the theory of such structures. The scope of the journal includes: higher categories, operads and their generalisations, and applications of these to Algebra, Geometry, Topology, Combinatorics, Logic and Mathematical Physics.

No research exists in a void. It is always understood in its context which encompasses previous results and thoughts. With the intent of providing this bigger picture, additionally, invited contributions will be very selectively solicited from experts.

We are excited and look forward to receiving and sharing great research in the future through this journal. We thank the future readers, authors, referees and editors, who all play essential rôles.

The Chief-Editors,

Michael Batanin, Ralph Kaufmann and Martin Markl