

Special Issue

The Logical Linguistic Legacy of Montague Grammar

Message from the Guest Editor

This Special Issue is dedicated to **Richard Montague** and **Joachim Lambek** for the elegance of their contributions to logical linguistics. In the context of the hegemony of statistical linguistics, this Special Issue sends out a call for a **renaissance of logical linguistics**. In life-critical cases – such as security, medicine, finances, avionics – confidence must be 100% end-to-end, not probabilistic. Montague defined a framework for compositional semantics and gave logical semantics to a significant fragment of English. Lambek proportioned the foundation of logical syntax (categorial grammar). Their marriage of **logical syntax and logical semantics** is the legacy we explore. We invite articles on any aspects of this legacy. Contributors should include an introduction presenting philosophical questions and objectives, and are encouraged to write accessibly for a broad audience. **Join us in reviving the rigorous, logical study of language.**

Guest Editor

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Message from the Editor-in-Chief

Philosophies searches for the syntheses of philosophical and scientific inquiries. It promotes philosophical work that is derived from the experience of diverse scientific disciplines and cultures. Multiple philosophies already exist— those of logic, information, computation, natural and artificial life, natural or artificial intelligence, complexity, technology, etc. Our mission is not to abandon philosophical roots and traditions of inquiry, but to promote the development of philosophical foundations and effective methodologies derived from diverse scientific explorations, and intended to enhance these explorations as to generate deeper and more holistic knowledge. Innovation may also be achieved through the cultural dimension. Other cultures can offer from their heritage a diversity of resources for exploration; these resources can also contribute to the emergent synthesis of philosophical inquiry.

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