

# Call for Papers: “Logics and Their Interpretations”

Special Issue of Logic and Logical Philosophy

## Special Issue Editors

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## Call for Papers

Submissions must be in English and use the form of a source  $\text{\LaTeX}$  file. Instructions for authors can be found at:

- <http://llp.umk.pl/inf4a.html>

A  $\text{\LaTeX}$  template for full-text submissions can be found at:

- <https://bit.ly/2W58Hgt>

Although not required, authors are invited to send a one-page abstract to:

- [antunes.henrique@outlook.com](mailto:antunes.henrique@outlook.com); or
- [szmucdamian@conicet.gov.ar](mailto:szmucdamian@conicet.gov.ar)

by the end of September 2020.

Full-text submissions must be sent to one of the addresses above by the end of January 2021.

Contributions are welcome from philosophers, logicians, mathematicians, linguists, and computer scientists.

## Focus of the Special Issue

Logical systems of classical and non-classical sorts are often endowed with a variety of interpretations: semantic, proof-theoretic, metaphysic, epistemic, pragmatic, informational, dialogical, and more. Work along these lines has led to the connection of logic to many other areas of knowledge and research. The attempt to draw these connections is, however, sometimes met with a number of criticisms. On the one hand, many of these interpretations have been subject to discussion, trying to determine if the conceptual and the formal aspects align as required. On the other hand, scholars who reject some contentions interpretations of certain formal systems debate whether these logics should be dispensed with in light of their philosophical interpretations, or whether it is possible to embrace them without endorsing such interpretations. Examples of the above are the debates between the fictionalist and the realist interpretations of possible worlds for modal logics, and between the dialethic and the epistemic interpretations of paraconsistent logics. Furthermore, there is a question of which if any is the canonical application of logic as a discipline and therefore of any given logical system. In this vein, some scholars believe that a distinction between pure logic and applied logic needs to be taken into account, which may or may not resemble the Medieval divide between *logica docens* and *logica utens*. The aim of this special issue is to discuss these topics and to assess the effect of the answers provided in the relation between logic and the many disciplines related to it.

## Scope of the Special Issue

All papers related to one or more of the following topics are welcome:

- Interpretations of classical logic
- Interpretations of non-classical logics
- Interpretations of modal and epistemic logics
- Interpretations of many-valued logics
- Interpretations of paracomplete and paraconsistent logics
- Interpretations of intuitionistic and subintuitionistic logics
- Interpretations of relevant logics
- Interpretations of substructural logics
- Interpretations of fuzzy logics
- Interpretations of free and inclusive logics
- Interpretations of probability logics
- Interpretations of possibilistic logics
- Interpretations of contra-classical logics (connexive, Abelian, and more)
- Canonical and non-canonical interpretations of logic as a discipline
- The pure logic - applied logic distinction
- The *logica docens* - *logica utens* distinction

## Important Dates

- July 2020: Release of the Call for papers
- September 2020: Deadline for expression of interest and abstract submissions (500-word abstracts)
- October 2020: Feedback / Invitation to submit full-text submissions
- January 2021: Full-text submissions deadline.
- May 2021: Comprehensive peer review and feedback