Special Issue in Memory of Professor Mark Burgin

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Message from the Guest Editors

Dear Colleagues,

We are inviting contributions to a joint Special Issue of the journal Information and Philosophies dedicated to our colleague Professor Mark Burgin, who recently passed away. Mark Burgin was a distinguished mathematician, computer scientist, philosopher, and information theoretician who made significant contributions to various fields, including information and computation, foundations of mathematics, philosophy of information and computation, theory of knowledge, and logic.

We welcome papers that cover a wide range of topics, including information and computation, category theory, foundations of mathematics, philosophy of language, logic, and applications of mathematical structures in various fields. The papers should be original and make significant contributions to their respective fields.

Through this Special Issue, we aim to honor the memory of Mark Burgin and celebrate his remarkable career. We hope that this issue will serve as a testament to his contributions and as a source of inspiration for future research in the fields to which he has contributed so significantly.

Prof. Dr. Gordana Dodig-Crnkovic
Prof. Dr. Marcin J. Schroeder
Guest Editors

Special Issue

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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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