

## Special Issue

# Recent Advances in Visual Representation and Reasoning

### Message from the Guest Editor

Visual representations play a fundamental role in problem solving, enabling the use of spatial features for potential computational or cognitive advantages, for example. A key aim of this Special Issue is to draw together the state of the art across different diagram types, fields of application and problem areas in order to raise awareness and identify commonalities, distinctions and potential synergies. The scope covers the theory and application of visual representations within the sciences, where representation itself is essential to the problem at hand. Survey-type articles are welcome, in addition to standard research articles. Keywords

- visual representations
- diagrammatic reasoning
- visual languages
- knot diagrams
- Euler diagrams
- combinatorial designs
- graphs
- hypergraphs
- string diagrams
- visual proofs

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### Guest Editor

Dr. Andrew Fish

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### Deadline for manuscript submissions

closed (15 November 2022)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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