



Workshop

BELIEF REVISION

UNILOG 2022

7th World Congress and School on Universal Logic

Orthodox Academy of Crete, Greece

April 1 - 11, 2022

Belief Revision (Belief Change) is the research field that makes use of tools and methods of formal logic to produce models of how human and artificial agents change their beliefs in response to new information. These models serve as a basis for understanding how beliefs can be changed, and how these changes can be regarded as rational. This is a multidisciplinary task, with applications to several areas including Formal Epistemology, Artificial Intelligence, Ontology, Databases, and many more.

The aim of this workshop is twofold: on the one hand, we intend to provide an introduction to the subject, tackling distinct models presented in the literature. On the other hand, we intend to gather contributions related to distinct applications and studies on the ramifications of the area.

Keynote Speaker - Giorgos Flouris

Foundation for Research and Technology - Hellas (FO.R.T.H.); Institute of Computer Science (I.C.S.);
Information Systems Laboratory (I.S.L.); Vassilika Vouton - Heraklion, Crete.

Organizer- Rafael Testa

University of Campinas (Unicamp) and Federal University of Rio de Janeiro (UFRJ) - Brazil.

CALL FOR PAPERS

We welcome contributions to the formal foundations of Belief Revision and studies from other areas that show the use of, or contributions to, the principles or practice of Belief Revision. Topics of interest include, but are not limited to:

Foundations and History of Belief Revision; Applications of Belief Revision; Belief Bases; Update; Belief Merging; Argumentation; Judgment Aggregation; Reasoning about knowledge and belief; Epistemic and Doxastic Logics.

To submit a contribution, please send a one-page abstract to:
unilog2022@rafaeltesta.com

Accepted submissions will be invited to submit a paper to a book or a special issue.

