Editorial Introduction

Philip Kremer · Heinrich Wansing

The present special issue of the *Journal of Philosophical Logic* contains five papers presented at the conference *Logics of Consequence: A Celebration of Nuel Belnap's Work in Philosophical Logic*, held April 3–4, 2009 at the University of Pittsburgh.[1] The conference was organized by Anil Gupta with the assistance of, among others, Collie Henderson, Connie Hrabovsky and Kohei Kishida.

This marvelous event brought together many of Nuel Belnap's distinguished former students, colleagues and co-authors, as well as current students at the University of Pittsburgh. The conference was opened by laudationes presented by Michael McRobbie and Robert Brandom, and the sessions at the conference were chaired by Aldo Antonelli, Mitch Green, Jeff Horty, Michael Kremer, Mark Lance, and Tomasz Placek. Among the participants, there were several invited discussants, namely Lennart Åqvist, Mark Brown, Brian F. Chellas, Kit Fine, Jay L. Garfield, Lou Goble, Glen Helman, Gerald J. Massey, José Martinez-Fernández, Storrs McCall, Richmond Thomason, and Matthew Weiner. In addition to the papers included here, the program contained a talk by Dorothy Grover, "On Describing the World".

Nuel D. Belnap, Jr. is the Alan Ross Anderson Distinguished Professor of Philosophy, Professor of History and Philosophy of Science, and fellow

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[1]See ⟨http://www.pitt.edu/~philosop/BelnapCelebration/⟩.

P. Kremer (✉)
Department of Philosophy, University of Toronto,
Toronto, ON M5R 2M8, Canada
e-mail: philip.kremer@utoronto.ca

H. Wansing
Institute of Philosophy, Dresden University of Technology,
01069 Dresden, Germany
e-mail: Heinrich.Wansing@tu-dresden.de

of the Center for Philosophy of Science at the University of Pittsburgh. In view of his outstanding scientific achievements, Nuel Belnap has received numerous honors and distinctions. He has been a Guggenheim Fellow, a fellow of the National Endowment for the Humanities (Washington), a fellow at the Center for Advanced Study in the Behavioral Sciences (Stanford), and a visiting Leibniz Professor at the University of Leipzig, which bestowed on him a *doctor honoris causa* degree in 2000. Moreover, Nuel Belnap is a fellow of the American Academy of Arts and Sciences and has been paid tribute to by the Festschrift *Truth or Consequence: Essays in Honor of Nuel Belnap*, J.M. Dunn and A. Gupta (Eds.), Kluwer Academic Publishers, Dordrecht, 1990.

Over the past 55 years, Nuel Belnap has been publishing seminal and influential contributions to an amazingly broad range of areas from philosophical logic, including:

- substructural logic, in particular relevance logic;
- the theory of truth, in particular the prosentential theory of truth and the revision theory of truth;
- structural proof theory, in particular display logic;
- the logic of questions and answers;
- the modal logic of agency, in particular *Stit*-Theory;
- the theory of branching space–time and indeterminism;
- proof-theoretic semantics;
- the theory of definitions;
- quantification and modality;
- speech-act modalities.

From among Nuel Belnap's many works, we would like to highlight the following books:

- Nuel D. Belnap and Thomas B. Steel, *The Logic of Questions and Answers*, Yale University Press, 1976.
- Alan Ross Anderson and Nuel D. Belnap, *Entailment: The Logic of Relevance and Necessity. Volume 1*, Princeton University Press, 1975.
- Alan Ross Anderson, Nuel D. Belnap and J. Michael Dunn, *Entailment: The Logic of Relevance and Necessity. Volume 2*, Princeton University Press, 1992.
- Anil Gupta and Nuel D. Belnap, *The Revision Theory of Truth*, MIT Press, 1993.
- Nuel D. Belnap, Michael Perloff and Ming Xu, *Facing the Future: Agents and Choices in Our Indeterminist World*, Oxford University Press, 2001.
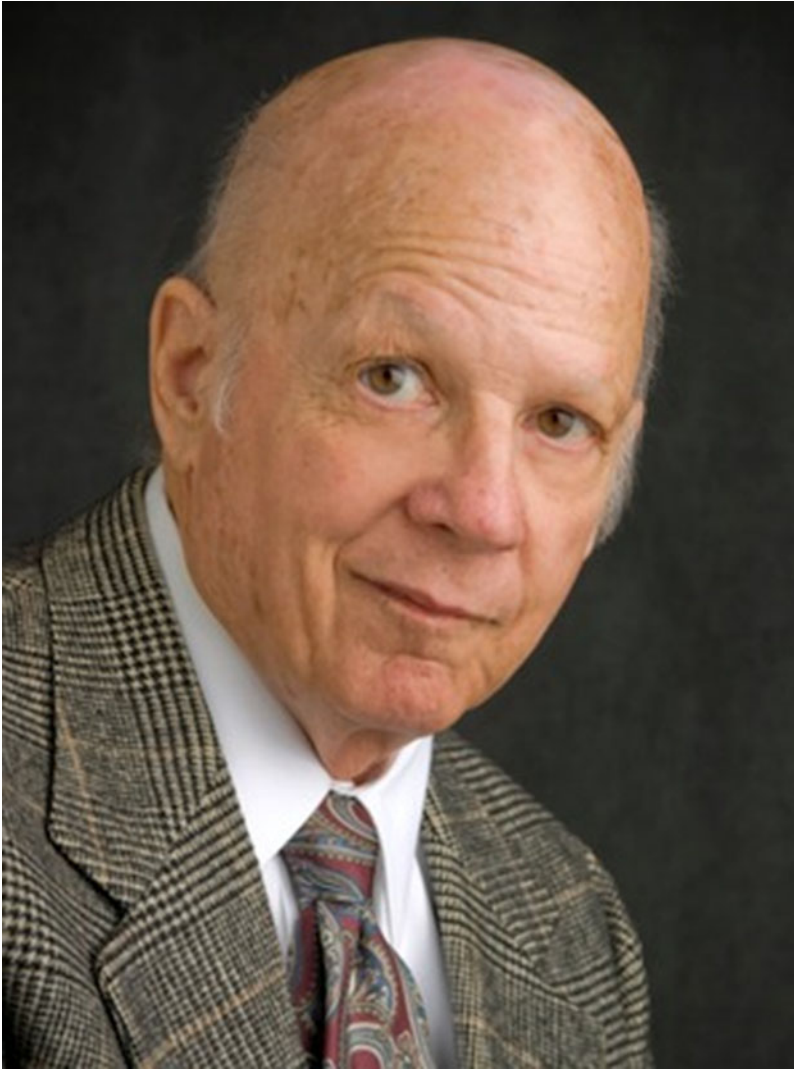
It is typical of Nuel Belnap's personality and his understanding of science as a co-operative enterprise that these works are the result of joint research projects, notably the co-operation with his teacher Alan Ross Anderson on relevance logic and entailment, and his many works co-written with students and colleagues. Obviously, the rich array of topics Nuel Belnap has investigated cannot be covered in a single journal special issue. The papers presented here

have undergone a strict, regular refereeing process, and deal with some themes central to Belnap's work.[2]

We are grateful to the sponsors of the "Nuelfest" 2009, the Dean of the School of Arts and Sciences at the University of Pittsburgh, the Center for Philosophy of Science, the Department of Philosophy, and the Department of History and Philosophy of Science at the University of Pittsburgh, and the Andrew W. Mellon Foundation. We are also grateful to Jeff Horty, who agreed to handle the contributions from Philip Kremer and Heinrich Wansing. This special issue is dedicated to our teacher, colleague, and friend, Nuel Belnap.

Philip Kremer
Heinrich Wansing

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[2]The *Journal of Philosophical Logic* has a policy of not publishing papers by editors. The plans for this volume were finalized before Philip Kremer became an editor.

Nuel Belnap