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The Society for Exact Philosophy

The Society for Exact Philosophy was founded in 1970 at a meeting held at McGill University in Montreal on 4–5 November at which was organised by Mario Bunge. Funding for the meeting was provided by the International Union of History and Philosophy of Science (Division of Logic, Methodology and Philosophy of Science), by the Canada Council, and by McGill University. Those present at this first meeting are listed below. The proceedings of this meeting were published in the *Journal of Philosophical Logic* 1:3/4 (1972), and as a separate volume entitled *Exact Philosophy: Problems, Tools, and Goals*, edited by Bunge (Dordrecht: Reidel 1973). In the Introduction of the book, Bunge writes:

The expression 'exact philosophy' is taken to signify *mathematical philosophy*, i.e., philosophy done with the explicit help of mathematical logic and mathematics. So far the expression denotes an attitude rather than a fully blown discipline: it intends to convey the intention to try and proceed in as exact a manner as we can in formulating and discussing philosophical problems and theories. The kind of philosophy we wish to practice and promote is disciplined rather than wild, systematic rather than disconnected, and capable of being argued over rather than oracular. We believe that even metaphysics, notoriously riotous, can be subjected to the control of logic and mathematics. Even the history of philosophy, notoriously unsystematic, can benefit from an exact reconstruction of some classical ideas.

Exactness, though desirable, should not be taken for an end: it is a means for enhancing clarity and systemicity, hence control. Exactness, whether in philosophy or in science, does not guarantee certainty: it eases the discovery of error and its correction. Nor does exactness ensure depth, hence interest: it warrants the possibility of rational scrutiny. The ideal is, of course, to tackle genuine and deep problems in an exact manner. But before we can solve any deep problems in exact philosophy we must accumulate a stock of modest yet exact theories.

Bunge informs me that the name "exact philosophy" was suggested by Richard Montague in the Vienna Rathauskeller on the evening of 6 September 1968 at a meeting convened by Bunge to discuss the possibility of setting up a new book series that would continue the "spirit" though not the letter of the Vienna Circle. At that supper there was no talk of a society. Bunge now notes that the term was also used (although without explanation) by Otto Neurath in the late 1920s, and he suspects that it was in common usage in the Circle. Bernard Linsky (Philosophy Department, University of Alberta) has noted the following:

In Vol. 9 of the Russell Papers, in the course of a discussion of Russell's paper "Vagueness" (which was published in Vol. 1 of *Australasian Journal of Psychology and Philosophy*), John Slater says that this paper was originally intended for a "Zeitschrift für exakte Philosophie" to be edited beginning in 1923 by Wolfgang Köhler, Hans Reichenbach, Moritz Schlick, and Bertrand Russell.

The Bylaws of the Society (the version passed in 1980 — the original Bylaws seem to have been misplaced) state that "The Society for Exact Philosophy (SEP) is a nonprofit organization established to promote the application of logic and mathematics to philosophy" and that "Membership in the SEP is open to anyone willing to pay his or her membership dues". These new Bylaws also enshrine what was common practice before: "In SEP conferences, there should be roughly equal contributions, both in officership and speakership, from Canada and the USA" and that "SEP conferences should normally alternate between Canada and US locations".

I asked Bunge his reflections on the recent history of exact philosophy. His response was:

I am somewhat disappointed over the achievements of exact philosophy. With few exceptions, exact philosophers grapple only with minor problems and, much too often, with pseudoproblems. They often take philosophy as an excuse for playing with exact (logical or mathematical) tools, much in the manner of most mathematical economists. The major problems of philosophy, which are metaphysical, epistemological, and ethical, are rarely tackled by exact philosophers. The latter have splendid sharp and healthy teeth, but no appetite for meaty problems. If this trend continues, exact philosophy will become discredited. The inexact philosophers will be eager to fill the vacuum and to proclaim that they, not us, deal with important problems in ontology, epistemology, and ethics. And they will succeed in fooling people for, after all, you cannot dispatch ethics by saying that it has no cognitive content, or metaphysics by stating that to be is to be the value of a bound variable (or by playing with possible worlds, where people do not think with their brains but with their toes). It is time exact philosophers worked on more serious philosophical problems.

Along these same lines, I note that on the flyer announcing the 1979 McGill meeting (which was organized by Bunge) occurs this stirring motto:

Philosophy without exactness is mushy — but can be nourishing.
Exactness without depth is sheer gymnastics — and boring.

Kanenas T. Pota

PEOPLE PRESENT AT FOUNDATION OF SEP (NOV. 4, 1970)

[And their 1970 affiliations.

Philosophy Departments unless otherwise noted.]

Carlos Alchourron
Roger B. Angel
Harry Beatty
Nuel D. Belnap

Guido 1953, Buenos Aires
Sir George Williams U., Montreal, P. Q.
McGill U., Montreal, P.Q.
U. Pittsburgh, Pittsburgh, Pa.

Mario Bunge	McGill U., Montreal P.Q.
Hector-Neri Castañeda	Indiana U., Bloomington, Ind.
Charles Castonguay	U. Ottawa, Ottawa, Ontario
Brian F. Chellas	U. Pennsylvania, Philadelphia, Pa.
E. G. K. Lopez Escobar	Dep. Math., U. Maryland, College Park, Md.
Bas van Fraassen	U. Toronto, Toronto, Ont.
Ronald N. Giere	Indiana U., Bloomington, Ind.
Dorothy Grover	U. Wisconsin, Milwaukee, Wisc.
William S. Hatcher	Dept. Math., Laval U., Quebec, P.Q.
Arnold Johanson	U. Toledo, Toledo, Ohio
Peter Kirschennann	Vrije Univ., Amsterdam
Jim Lambek	Math Dept., McGill Univ., Montreal
Hugues Leblanc	Temple U., Philadelphia
Dilip B. Madan	Economics Dept., U. Maryland, College Park, Md.
James Claggett Owings	Math. Dept., U. Maryland, College Park, Md.
Hector C. Sabelli	Chicago Medical School, Chicago, Ill.
Tom Settle	U. Guelph, Ont.
Lars Svenonius	U. Maryland, College Park, Md.
M. E. Szabo	Dept. Math., Sir George Williams U., Montreal, P.Q.
Raimo Tuomela	Univ. Helsinki, Helsinki

OFFICERS OF SEP

The following is a list of officers of the SEP over the years. It represents an attempt at "inference to the best explanation" in that there seems to be some discrepancies amongst the lists I have and also between the lists and letters that refer to certain people as officers. What follows is the best theory I could construct.

A change in the method of selection and terms of office for the officers of SEP was made at the annual meeting held in 1977 at Victoria. In odd-numbered years, a nominating committee is to be appointed (three people, no mention that any of them be a current officer). They nominate a president, vice-president, secretary, and publicity secretary (charged with the coordination of mailing lists). It is *suggested* that at least one nominee for president be the current vice-president. Elections will be held in even-numbered years. Program coordinator and treasurer are not elected offices. As I mentioned, this is a change in that it makes the terms of office *two* years, rather than the previous one year; and it has in practice made the old vice-president into the new president. Neither of these things had happened before. [By the way, I should note that at 1976 meeting, the positions of Program Chair and Publications Secretary were permanently combined, whereas the 1977 directives assume them to be distinct.]

officers in 1971—1974:

president: Hector-Neri Castañeda
vice president: Nuel Belnap
secretary: Bas van Fraassen
publications secretary:
Brian Chellas

officers elected in 1974:

president: Nuel Belnap
vice president: Mario Bunge
treasurer: Alberto Coffa
publications secretary:
Marsha Hanen

officers elected in 1976:

president: Bas van Fraassen
vice president: Dorothy Grover
treasurer: Brad Angell ('77)
Charles Morgan ('78)
publications secretary:
Charles Morgan ('77)
Neul Belnap ('78)
secretary: Nancy Cartwright

officers elected in 1980:

president: Hugues Leblanc
vice president: Brian Chellas
treasurer: Virginia Klenk
secretary: Jeff Pelletier

officers elected in 1984

president: Nancy Cartwright
vice president: Peter Schotch
treasurer: Sherry May
secretary: Bernard Linsky

officers elected in 1988:

president: Michael Dunn
vice president: Ray Jennings
treasurer: Sherry May
secretary: Jeff Pelletier

officers elected in 1978:

president: Dorothy Grover
vice president: Hugues Leblanc
treasurer: Nuel Belnap
secretary: Steve Thomason

officers elected in 1982:

president: Brian Chellas
vice president: Nancy Cartwright
treasurer: Sherry May
secretary: Bernard Linsky

officers elected in 1986:

president: Peter Schotch
vice president: Michael Dunn
treasurer: Sherry May
secretary: Donald Nute

officers elected in 1990:

president: Ray Jennings
vice president: Jeff Pelletier
treasurer: Sherry May
secretary: Bob Beard

HISTORY OF THE MEETINGS OF THE SOCIETY FOR EXACT PHILOSOPHY

year	place	organizer	president *
1991	Victoria, B.C. (Univ. Victoria)	Charles Morgan	Ray Jennings
1990	Tallahassee, Florida (Florida St. U.)	Bob Beard	M. Dunn/R. Jennings
1989	Edmonton, Alberta (U. Alberta)	T. Pelletier/B. Linsky	Michael Dunn
1988	Rochester, N.Y. (U. Rochester)	Henry Kyburg	P. Schotch/M. Dunn
1987	St. John's, Newfoundland (Memorial U.)	Sherry May	P. Schotch
1986	Honolulu, Hawaii (U. Hawaii & Manoa)	Copi, Rudebusch & Hawthorne	N. Cartwright/ /P. Schotch
1985	Toronto, Ont. (U. Toronto)	Alasdair Urquhart & Calvin Normore	Nancy Cartwright
1984	Athens, Georgia (U. Georgia)	Don Nute	B. Chellas/ /N. Cartwright
1983	Vancouver, B.C. (Simon Fraser U.)	Ray Jennings	Brian Chellas
1982	Tempe, Arizona (Arizona, St. U.)	R. Creath & T. Stone	H. Leblanc/ /Brian Chellas
1981	Halifax, Nova Scotia (Dalhousie U.)	Peter Schotch	H. Leblanc
1980	Los Angeles, Cal. (U. Southern Cal.)	Steve Schiffer/ /P. Dao	D. Grover/ /H. Leblanc
1979	Montreal, Quebec (McGill U.)	Mario Bunge	D. Grover
1978	Pittsburgh, Penn. (U. Pittsburgh)	Nuel Belnap	B. van Fraassen/ /D. Grover
1977	Victoria, B.C. (U. Victoria)	Charles Morgan	B. van Fraassen
1976	Detroit, Michigan (Wayne St. U.)	Brad Angell	N. Belnap/ /B. van Fraassen
1975	«no meeting — Indiana U cancelled SEP and instead used the SEP funds to support the IEEE meeting on many-valued logic»		
1974	Edmonton, Alberta (U. Alberta)	R. Shiner/ /C. Morgan	N. Belnap
1973	Toronto, Ont. (U. Toronto)	Bas van Fraassen	H-N. Castañeda
1972	«no meeting»		
1971	«no meeting»		
1970	Montreal, Quebec (McGill U.)	Mario Bunge	H-N. Castañeda

* Incoming president takes over in even-numbered years, for two years (at least after 1976). The notation "x/y" means that x is the outgoing president and y is the incoming president.

PROGRAMS OF SEP MEETINGS

(Many, indeed most, of the papers presented at SEP meetings have been published. The volumes listed below only record those instances where the proceedings were published as a special issue of a journal.)

McGill Univ., 4—5 November, 1970 (see *Jour. Philosophical Logic* 1:3—4, 1972)

- H. Leblanc (Temple U) "Matters of Relevance"
- B. Chellas (U. Penn.) "Notions of Relevance: Comments on Leblanc's Paper"
- L. Svenonius (U. Maryland) "Translation and Reduction"
- M. Bunge (McGill U.) "A Program for the Semantics of Science"
- N. Belnap (U. Pittsburgh) "S-P Interrogatives"
- W. Hatcher (U. Laval) "Foundations as a Branch of Mathematics"
- C. Castonguay (U. Ottawa) "Naturalism in Mathematics: Comments on Hatcher's Paper"
- R. Tuomela (Helsinki U.) "Deductive Explanation of Scientific Laws"
- P. Kirschenmann (Wayne State U.) "Concepts of Randomness"
- B. van Fraassen (U. Toronto) "The Logic of Conditional Obligation"
- H. Beatty (McGill U.) "On Evaluating Deontic Logics: Comments on van Fraassen's Paper"
- C. Alchourron (Buenos Aires U.) "The Intuitive Background of Normative Legal Discourse and Its Formalization"
- H-N. Castañeda (Indiana U.) "Plato's *Phaedo* Theory of Relations"

U. Toronto, 16—18 March, 1973

- M. Bunge (McGill U.) "The Concept of a Thing"
- D. Miller (John Abbott College) "On Agency, Choosing, and Trying"
- S. McCall (U. Pittsburgh) "The Strong Future Tense"
- G. Reyes (U. Montreal) "Logica More Geometrico Demonstrata"
- Y. Gauthier (U. Toronto) "Logica Geometrica sive Geometria Logica"
- R. Giere (Indiana U.) "Statistical Inference and the Theory of Knowledge"
- H. Tennessen (U. Alberta) "Scientists in Vain Want of World Views"
- R. Thomason (U. Pittsburgh) "Montague Grammar"
- H. Beatty (McGill U.) "Opacity in Adverbs"
- R. Meyer (U. Toronto) "New Axiomatics for Relevant Logics"
- C. Hooker (U. Western Ontario) "Global Theories"
- B. van Fraassen (U. Toronto) "Global Purport"
- N. Cartwright (U. Maryland) "Covariance Without Joint Distributions in Quantum Mechanics"
- E. Levy (U. British Columbia) "Quantum Logic Without Quantum Mechanics — Well, Almost"

Univ. Alberta, 9—11 May, 1974

- K. Lambert (U. California, Irvine) "On the Extensions of Singular Terms"
- M. Hanen (U. Calgary) "Confirmation and Explanation"
- C. Hooker (U. Western Ontario) "Systematic Ontology and the Mathematical Structure of Physical Theory"
- H. Leblanc (Temple U.) "Queries on Truth Conditions"
- N. Belnap (U. Pittsburgh) "Functions that Really Depend on their Arguments"
- D. Kaplan (UCLA) "On Old Foundations for Intensional Logic"
- H-N. Castañeda (Indiana U.) "Individuation and Non-Identity"
- C. Morgan (U. Alberta) "Some Recent Results in Automated Hypothesis Generation"
- D. Grover (U. Illinois, Chicago Circle) "A Prosentential Theory of Truth"
- J. Woods (U. Victoria) "Aquarian Implication: The Relevance of a Relevance Logic"

Wayne State U., 20—22 May, 1976 (see *Philosophia* 7:2, 1978)

- K. Arrow (Harvard U.) "Equality and Justice in a Democratic Society: I"
- J. Narveson (U. Waterloo) "Rawls on Equal Distribution of Wealth"
- J. Sterba (U. Notre Dame) "A Defense of Rawls against Arrow and Nozick"
- K. Arrow (Harvard U.) "Equality and Justice in a Democratic Society: II"
- D. Gauthier (U. Toronto) "Social Choice and Distributive Justice"
- A. Gibbard (U. Pittsburgh) "Preference Strength and Two Kinds of Ordinalism"
- H. Leblanc (Temple U.) "Truth Value Assignments and their Cardinality"
- M. Pastin (Indiana U.) "Perceptual Relativity"
- W. Harper (U. Western Ontario) "Conditional Probability and Conceptual Change"
- D. Nute (U. Georgia) "Simplification and Substitution of Counterfactual Antecedents"
- R. Wolf (Southern Illinois U.) "Are Relevance Logics Deviant?"

Univ. Victoria, 25—27 May, 1977

- J. Heintz (U. Calgary) "Reflections on Second-Order Logic: What is it? Who needs it?"
- M. Dunn (Indiana U.) "Inconsistent Models, Ambiguous Information, and Relevant Logic"
- S. Thomason (SFU) "Possible Worlds and Many Truth Values"
- K. Fine (U. Calif., Irvine) "Modal Theories"
- D. Grover (Chicago Circle) "The Liar Sentence, Ungrounded Proforms, and Other Inheritors"
- G. Miller ([affiliation unknown]) "On General Relativity, Topology and Quantum Description"
- H. Leblanc (Temple U.) "Open Problems in Quantification Theory"
- J. Pelletier & C. Lupart (U. Alberta) "Some Remarks on the Formal Properties of Rule Orderings in Linguistics"
- I. Hacking (Stanford) & Levy (UBC) "Why Orthomodular Quantum Logic is Logic"
- R. Gumb ([affiliation unknown]) "An Explication of the Notion of a Consistent Evolving Theory"
- J. McGrath ([affiliation unknown]) "A Formal Statement of the Einstein-Podolsky-Rosen Argument"
- J. Bub (U. Western Ontario) "How to Kill Schrodinger's Cat"

Univ. Pittsburgh, 4—6 June, 1978 (see *Philosophia* 9:2, 1980)

- E. Bencivenga (U. California, Irvine) "Truth, Correspondence, and Non-Denoting Singular Terms"
- P. Schotch (Dalhousie U.) & R. Jennings (Simon Fraser U.) "Modal Logic and The Theory of Modal Aggregation"
- A. Chernavska (UBC) "Impossibility of Bivalent, Truth-Functional Semantics for Non-Boolean Propositional Structures of Quantum Mechanics"
- A. Gupta (McGill U.) "Sortal Quantification, Modality and Truth"
- R. Thomason (U. Pittsburgh) "Multiple Quantification, Questions, and Bach-Peters Sentences"
- R. Hausser (U. Texas) "Surface Compositionality and the Semantics of Mood"
- J. McCawley (U. Chicago) "An Analysis of Definite Descriptions to End All Analyses of Definite Descriptions"
- B. Chellas (U. Calgary) "Another Proof of the Decidability of Some Normal Modal Logics Containing the S_5 Axiom"
- H. Kamp (U. London) "The Paradox of the Heap"
- H. Leblanc (Temple U.) "On Carnap and Popper Probability Functions"

- R. Wolf (Southern Illinois U.) "Studies in Paraconsistent Logic I"
W. Harper (U. Western Ontario) "Minimal Revision of Bodies of Knowledge"

McGill Univ., 4—5 June 1979

- D. Braybrooke (Dalhousie) "Formal Aspects of Reconciling Attention to Needs with Attention to Preferences"
E. Bulygin (La Plata) "Permissions and Permissive Norms"
M. Bunge (McGill) "A Formalization of the Concept of Mind"
N. Cartwright (Stanford) "How Classical are Decay Rates?"
L. Chiaraviglio & A. Badre (Georgia Tech) "Action and Behaviour"
L. J. Cohen (Oxford) "Assessing the Reliability of Medical Diagnoses"
Z. Domotor (Pennsylvania) "Relationships between Macro-Theories and Micro-Theories"
W. Hatcher (Laval) "Platonism and Pragmatism"
L. Krüger & W. Gärtnner (Bielefeld) "Self-Consistent Libertarianism"
J. Lambek (McGill) "Intuitionist Type Theory in Foundations"
K. Szaniawski (Warsaw) "Science as an Information-Seeking Process"
R. Torretti (Puerto Rico) "Mathematics and Ontology"
B. van Fraassen (Toronto & USC) "Belief and Context"
P. Weingartner (Salzburg) "On the Distinction between Logic and Mathematics"

Univ. Southern California, 13—15 June 1980 (see *Philosophical Studies* 40:1, 1981)

- P. S. Churchland (U. Manitoba) "On the Alleged Backwards Referral of Experiences and the Mind-Body Problem"
M. Hanen (U. Calgary) "Probability and Evidence"
L. Wessels (Indiana U.) "Einstein-Podolski-Rosen and Modalities"
Z. Domotor (Pennsylvania) "Higher Order Probabilities and Conditionals"
A. ter Meulen (U. Washington) "Formal Semantics for Mass Terms"
[author and affiliation unknown] "On the Decidability of Mathematics and Physics"
J. Pollock (U. Arizona) "Statements and Propositions"
C. Chihara (U. Calif., Berkeley) "Quine and the Confirmational Paradoxes"
S. Haack (U. Warwick) "Dummett's Justification of Deduction"
D. Harrah (U. Calif., Riverside) "On Reducing Questions to Commands"
P. Schotch (Dalhousie) & R. Jennings (SFU) "Epistemic Logic, Skepticism, and non-Normal Modal Logic"
W. Harper (U. Western Ontario) & R. Giles (McGill U.) "An Infinitesimal Probability Representation of Popper Function Belief Models"
H. Field (USC) "Science Without Numbers"
D. Grover (Chicago Circle) "Truth"
T. Burge (UCLA) "Epistemic Paradox"

Dalhousie U., 25—27 May 1981

- R. Campbell & T. Vinci (Dalhousie) "Why are Novel Predictions Important?"
C. Daniels (U. Victoria) [title unknown]
G. Hardegree (U. Mass.) "Note on the Logic of Natural Kinds"
R. Jennings (SFU) "The Subjunctive in Conditionals and Elsewhere"
J. van Benthem (Groningen) "The Logic of Time"
S. Thomason (SFU) "Euclidean Infinitesimals"
R. Arthur (U. Western Ontario) "Exacting a Philosophy of Becoming from Modern Physics"
R. McArthur (Colby College) "Defeasible Obligation"
S. Kuhn (Georgetown U.) "Logic, Theory and Modality"
A. Urquhart (U. Toronto) "Intensional Logics via Denominalization"

- B. van Fraassen (U. Toronto/USC) "Probability in Semantics"
H. Leblanc (Temple U.) "Popper's 1955 Axiomatisation of Absolute Probability:
A New Approach to Logical Truth"
R. Hilpinen (U. Turku) "On the Logic of Permission"
R. Coleman & H. Korte (U. Regina) "A Realist Field Ontology of the Causal-Inertial
Structure"
V. Huber-Dyson (U. Calgary) "To Formalize or not to Formalize"
K. Fine (U. Michigan) "Events, Acts and Things"

Arizona State U., February 1982

- B. Mundy (Stanford) "Derivation of the Lorentz Transformations from the Con-
stancy of the Speed of Light"
N. Cartwright (Stanford) "Four Phenomenological Laws"
A. Stairs (Minnesota) "Quantum Logic and Interpretation"
P. Schotch (Dalhousie) & R. Jennings (Simon Fraser) "Speak of the Level"
H. Herzberger (Toronto) "Notes on Naive Semantics"
K. Lehrer (Arizona) & C. Wagner (Tennessee) "Evaluation of Higher-Order Pro-
babilities"
H. Leblanc (Temple) "Tree-Making: Its Scope and Limits"
M. Salmon (Pittsburgh) "Functions, Latent Functions, and Style"
D. Baird (Arizona) "How to Commit the Gambler's Fallacy and Get Away With It"
M. Wilson (California & San Diego) "What is This Thing Called 'Pain'?"
D. Holdsworth (Toronto) "Quantum Topoi of Quantum Sets"
C. McIntosh (Utah) "Putnam on Realism"

Simon Fraser U., 21—23 April, 1983 (see *Topoi* 3:1, 1984)

- P. Williams (U. Sussex) "Changing Expectations from a Bayesian Viewpoint"
K. Segerberg (U. Auckland) "Actions and Their Logic"
A. Fine (Northwestern U.) "What is Einstein's Statistical Interpretation, Or, Is It
Einstein For Whom Bell's Theorem Tolls?"
M. Katz (U. Haifa) "An Exact Philosophy of Inexactness"
R. Manor (San Jose St. U.) "Formalizing Dialogue"
Marta Bunge (McGill U.) "Toposes in Logic and Logic in Toposes"
P. Schotch (Dalhousie U.) "Truth, Relevance and Conditionality"
H. Leblanc (Temple U.) "A New Semantics for First-Order Logic, Multivalent and
Mostly Intensional"
R. Goldblatt (Victoria U. of Wellington) "An Abstract Setting for Henkin Proofs"
W. Blok (U. Illinois at Chicago) "The Algebraization of Logic"

U. Georgia, May 3—5, 1984

- D. Jacqueline (Franklin & Marshall College) "Intentionality & Intentional Con-
nections"
R. Wachbroit (U. Penn) "Realism & Its Epistemological Problem"
J. McGrath (Ind. U., South Bend) "Deontic Tense Logic & Chisholm's Paradox"
R. M. Martin (Dalhousie U.) "How Scientific Laws can be about Individuals"
B. Linsky (U. Alberta) "General Terms as Rigid Designators"
H. Leblanc (Temple U.) "Some of the Things I Don't Know about Probabilistic
Semantics"
M. Dunn (Indiana U.) "Relevant Predication"
S. Thomason (Simon Fraser U.) "A Free Construction of Time From Events"
J. Post (Vanderbilt U.) "On the Determinacy of Truth & Translation"
W. Lycan (U. North Carolina) "The Paradox of Naming"
J. Fetzer (U. South Florida) "Probabilistic Metaphysics"

- B. Chellas (U. Calgary) "Magical Moments in Modal Logic"
- J. Pelletier (U. Alberta) "Six Problems in 'Translational Equivalence'"
- B. Mundy (U. Oklahoma) "Relational Theory of Euclidean Space & Classical Forces"
- R. Jennings (Simon Fraser U.) "A Report on Leibnizian Semantics"
- G. Ross (Franklin & Marshall College) "Counterfactuals in the Infinite Case"
- K. Johnson Wu (U. Alabama) "Three Uses of 'It'"

Toronto U., 16—18 May, 1985

- J. Pelletier (U. Alberta) "Automatic Theorem Proving"
- S. Thomason (Simon Fraser U.) "A Free Construction of Time from Events"
- R. Jennings (Simon Fraser U.) "Aspects of the Analysis of Entailment"
- D. Nute (U. Georgia) "Artificial Intelligence and Conditional Logic"
- H. Leblanc (Temple U.) and P. Roeper (Australia National U.) "Absolute Probability Functions"
- S. Cook (U. Toronto) "The Theory of Large Scale Computation"
- C. Parsons (Columbia U.) "The Structuralist View of Mathematical Objects"
- K. Okruhlik (U. Western Ontario) "A Locus of Value in Science"
- B. Gillon (U. Alberta) "The Semantics of Plural Noun Phrases in English"
- S. May (Memorial U. of Newfoundland) "A Catastrophe Model of Negotiation"
- B. Linsky (U. Alberta) "Factives, Blind Spots, and Some Paradoxes"
- M. Bergmann (Smith College) "Categorical Grammars and Natural Language Parsing"

Univ. Hawaii, 20—22 February, 1986

- D. Nute (U. Georgia) "A Non-Monotonic Logic Based on Conditional Logic"
- R. Jennings (Simon Fraser U.) "An Eddy in the Theory of Conditionals"
- G. Hellman (Indiana U.) "Toward a Modal Interpretation of Mathematics"
- J. Hawthorn (U. Hawaii) "Truth and the Liar"
- R. Arthur (Middlebury College) "Combinatorial Topology and Leibniz's Theory of Space"
- H. Korte & R. Coleman (U. Regina) "The Universality of Free Fall"
- R. Manor (San Jose St. U.) "Durations: Temporal Intervals with Gaps and Undetermined Edges"
- N. Cartwright (Stanford U.) "Putting Causes to the Test of Nature"
- G. Rudebusch (U. Hawaii) "Identity, Ostension, and the Possible"
- R. Beard (Florida St. U.) "Modality, Quantification and Extensionality"
- E. LePore (Rutgers U.) "Absolute Truth Theories for Modal Languages as Theories of Interpretation"
- J. Carroll (U. Arizona) "Terminating the Iterated Prisoner's Dilemma"
- R. Tuomela (Helsinki U.) "Other-Regarding Intentions and Social Motivation"
- H. Kyburg (U. Rochester) "Powers"

Memorial U. of Newfoundland, 27—29 August, 1987

- C. Morgan (Victoria U.) "The Probabilistic Foundations of Logic"
- S. Thomason (Simon Fraser U.) "Dagstack Prolog"
- R. Giles (Queen's U.) "Generalized Probability and Utility"
- J. Pollock (U. Arizona) "Interest-Driven Reasoning"
- W. Harper (U. Western Ontario) "Direct Inference and Conditionalization"
- S. Zabell (Northwestern U.) "Confidence vs. Probability"
- D. Mayo (U. Virginia) "Did Pearson Reject the Neyman-Pearson Philosophy of Statistics?"
- R. B. Angell (Wayne State U.) "Conditional Probability and Nicod's Conditional"

- H. Leblanc (Temple U.) "On Relativizing Kolmogorov's Absolute Probability Functions"
- J. H. Sobel (U. Toronto) "A Problem for Utility Theory"
- R. Jeffrey (Princeton U.) "Reading de Finetti's Probabilismo"
- J. Pelletier (U. Alberta) "Varieties of Vagueness: The Good, The Bad, and The Ugly"
- C. Genest (U. Laval) "Conditionalization and Likelihood Dominance in Group Belief Formation"
- H. Kyburg (U. Rochester) "Getting Fancy with Uncertainty"

Rochester University, 3—5 August, 1988

- D. Nute (Univ. Georgia) "Defeasible Logic and the Frame Problem"
- B. Gillon (Univ. Toronto) "Bare Plurals as Indefinite Noun Phrases"
- C. Cross (Reed College) "Belief Revision, Non-Monotonic Reasoning, and the Ramsey Test"
- D. Perlis (Univ. Maryland) "Thing and Thought"
- R. Thomason (Univ. Pittsburgh) "Inheritance and Logic"
- M. Krifka (Univ. Tübingen) "A Treatment of Aspectual Classes in Terms of Event Lattices"
- L. Schubert (Univ. Alberta) "Solving the Original Frame Problem without Frame Axioms of Nonmonotonicity"
- N. Belnap (Univ. Pittsburgh) "Declaratives are not Enough"
- A. McCafferty (LSU) "Speaker Plans, Linguistic Context, and Indirect Speech Acts"
- J. Pearl (UCLA) "Jeffrey's Rule, Pathways of Experience, and Neo-Bayesianism"
- T. Seidenfeld (CMU) "Two Perspectives on Consensus for (Bayesian) Inference and Decisions"
- R. Giles (Queen's U.) "A Utility-Valued Logic for Decision-Making"
- H. Leblanc (Temple U.) "Conditionals and Conditional Probabilities: Three Trivialization Theorems"
- R. Aleliunas (Simon Fraser Univ.) "A New Normative Theory of Probabilistic Logic"
- R. Loui (Washington Univ.) "Defeasible Reasoning about Utilities and Decision Trees"
- M. Dunn (Indiana Univ.) "The Relevance of Relevance Logic in AI"
- H. Geffner (UCLA) "A Framework for Reasoning with Defaults"
- J. Pelletier (Univ. Alberta) "Post's Functional Completeness Theorem"

Univ. Alberta, 17—19 Aug. 1989

- M. Dunn (Indiana U.) "Relevant Predication II: Intrinsic Properties and Internal Relations Formalized"
- H. Leblanc (Temple U.) "Identity and Indiscernibility in Probability Theory"
- S. Savitt (UBC) "Epistemological Time Asymmetry"
- H. Korte & R. Coleman (Univ. Regina) "An Empirical, Purely Spatial Criterion for the Planes of F-Simultaneity"
- M. Rabinowitz (Memorial U. of Nfld.) "Class Inclusion and Working Memory"
- H. Kyburg (U. Rochester) "A Two-Level System of Epistemic Acceptance"
- D. Jacquette (Penn. State) "Intentional Relations in Zalta's Intensional Logic"
- N. Asher (U. Texas) "Some Problems in the Semantics of Sentential Nominals"
- R. Clark (U. Western Ontario) "Names, Indexicals and Definite Descriptions"
- M. Schmidt (CSU, San Jose) "On Some Neglected Paradoxes of Modern Logic"
- S. Giambrone (Southwestern Louisiana St. U.) "Orlowska's Relevant Implications, Relevant Logics and Analytic Implication"

- T. Parsons (Univ. Cal., Irvine) "Definitions of Truth and Meaning in Fregean Semantics"
- S. Cumming (Simon Fraser U.) "A Non-Normal Semantics for Programs that Fail"
- P. Schotch (Dalhousie U.) "Choice, Perfect Information and Deontic Logic"
- A. Urquhart (Univ. Toronto) "Translation Problems in Modal Logic"

Florida State Univ., 30 May — 2 June 1990

- T. Parsons (U. Calif., Irvine) "A Theory of Applied Logic"
- D. Nute (U. Georgia) "What Inference Rules Mean"
- S. May (Memorial U. of Newfoundland) "The Algebra Factory"
- J. Pollock (U. Arizona) "The Structure of Defeasible Reasoning"
- H. Leblanc (Temple U.) "Probability Functions, the Matter of their Recursiveness"
- B. Wolfson (Syracuse U.) "Applying a Constructional Definition Schema for the Social Sciences to Cooperative Game Theory"
- P. Rawlings (U. Georgia) "Truth Conditions and *Oratio Obliqua*"
- B. Chellas (U. Calgary) "Time, Modality and Agency"
- S. Thomason (Simon Fraser U.) "Logic of Action and Ability"
- R. Jeffrey (Princeton U.) "Truth and Probability"
- H. Kyburg (U. Rochester) "Objectivity and Probability"
- J. Pelletier (U. Alberta) "Genericity"
- P. Oppenheimer (Thinking Machines Corp.) "The Logic of the Ontological Argument" [not presented, but distributed]
- D. Holdsworth ([affiliation unknown]) "Approaches to the Categorical Foundations of Quantum Logic: Do Sets Precede Logic?"
- G. Hellman (U. Minnesota) "Never say 'Never'"
- S. McCall (McGill U.) "The Branched Interpretation of Quantum Mechanics"

Univ. Victoria, 23—26 May 1991

- J. Pelletier (U. Alberta, U. Rochester) "Automated Modal Logic Theorem Proving in Thinker"
- S. Thomason (Simon Fraser U.) "Semantic Analysis of the Modal Syllogistic"
- D. Tacquette (Penn. State U.) "The Valdsty Paradox in Modal S_5 "
- R. Butrick (Ohio U.) "The Implementation of Property Abstracts in PROLOG"
- M. Fitting (City U. of New York) "Predicate Abstraction in Modal Logic"
- I. Gevt (U. Warwick) "Theory Matrices for Modal Logic"
- E. Orłowska (Polish Acad. Sci.) "Relational of Proof Systems for Relevant Logics"
- G. Beavers (Indiana U.) "Automated Theorem Proving for Łukasiewicz Logics"
- Z. Stachniak (New York U.) "An Essay on Resolution Logics"
- A. Urquhart (Toronto U.) "Why are Some Tautologies Harder to Prove than Others?"
- A. Vellino (Bell Northern Research) "The Relative Complexity Analytic Tableaux and sl — Resolution for the Propositional Calculus"
- F. Tohnson (Colorado St. Univ.) "Counting Functions"