CURRICULUM VITAE

13 December 2023

ROBERT ANTHONY KOWALSKI

Distinguished Research Fellow Emeritus Professor of Computational Logic Department of Computing Imperial College London 180 Queen's Gate London SW7 2BZ UK

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EDUCATION:

1958-59 University of Chicago

1960-63 University of Bridgeport, BA Mathematics

1963-64 and

1965-66

Stanford University, MSc Mathematics

1964-65 Mathematics Institute, Polish Academy of Sciences and University of Warsaw,

Mathematical Logic

1967-70 University of Edinburgh, IBM Research Fellowship, PhD Computer Science

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS (past and present)

American Association for Artificial Intelligence

Association for Artificial Intelligence and Law

Association for Artificial Intelligence and Simulation of Behaviour

Association for Automated Reasoning

Association for Computing Machinery

Association for Logic Programming

British Computer Society

European Association for Logic, Language and Information (FoLLI)

Interest Group in Propositional and Predicate Logics

EMPLOYMENT:

1966-67 Assistant Professor and Acting Head, Mathematics Department,

Inter American University, San Juan, Puerto Rico

1970-75 Research Fellow, Department of Computational Logic, University of Edinburgh

1975-82	Reader in Computing, Department of Computing and Control (Department of Computing since 1980), Imperial College, University of London
1982-1999	Professor of Computational Logic Department of Computing

1982-1999 Professor of Computational Logic, Department of Computing,

Imperial College, University of London

1999-2011 Senior Research Investigator, Emeritus Professor,

Department of Computing, Imperial College London

VISITING ACADEMIC OR RESEARCH APPOINTMENTS:

1972, 1974 University of Marseille, Luminy, France

1972, 1978, 1981 University of Syracuse, New York

1974 Ricerche Instituto per le Applicazioni del Calcolo, Rome

1999 University of Melbourne

2000, 2001 Meme Media Laboratory, Hokkaido University, Japan

2001 Swiss Federal Institute of Technology at Lausanne (EPFL)

2005 Universidad de Los Andes, Venezuela

2002, 2006 National Institute of Informatics, Tokyo, Japan

2007 Centro de Inteligência Artificial (CENTRIA), Universidade Nova de Lisboa

2012 University of Kyoto, Japan

2013, 2014 National Institute of Informatics, Tokyo, Japan

DEPARTMENTAL RESPONSIBILITIES AT IMPERIAL COLLEGE

1975-84 Member of Academic Committee

1978-82 Chairman of Academic Committee and Director of Studies

1979-82 and

1984

Member of Departmental Management Committee

1978-82 Member of Appointments and Staff Review Committees

1985-87 and

1990-96

Head of Logic Programming Section

1994-97 Senior Deputy Head of Department and

member of Departmental Executive Committee

1997-99 Head of Department

PHD SUPERVISION

David Warren, Applied Logic - its Use and Implementation as Programming Tool. (University of Edinburgh). 1977. Professor Emeritus, Department of Computing, University of Bristol.

Christopher Hogger, Derivation of Logic Programs. 1978. Senior Lecturer in Department of Computing, Imperial College.

Keith Clark, Predicate Logic as a Computational Formalism. 1980. Professor in Department of Computing, Imperial College.

Marek Sergot, The Formalisation of Legal reasoning. Professor in Department of Computing, Imperial College.

George Pollard, Parallel execution of Horn clause programs. 1981.

Christopher Moss, The Formal Description of Programming Languages Using Predicate Logic. 1981.

Fariba Sadri, A Theorem-Proving Approach to Database Integrity. 1988. Senior Lecturer in Department of Computing, Imperial College.

Kave Eshghi, Meta-language in Logic Programming. 1986. Senior Researcher, Hewlett-PackardResearch Laboratories, Bristol.

Jin-Sang Kim, Lecturer, Keimyung University, Taegu, Korea.

David Frost, The Design of a Natural Language Interface for Medical Expert Systems. 1990. Department of Psychiatry, UCMSM.

Suryanarayana Sripada , Temporal Reasoning in Deductive Databases. Senior Researcher, The Boeing Company, Seattle.

Francis McCabe, Logic and Objects. 1989. Senior Researcher, Fujitsu Research Laboratories, California.

Francesca Toni, Abductive Logic Programming. 1995. Professor, Department of Computing, Imperial College.

Tze Ho Fung, Theorem Proving Approach with Constraint Handling and its Application on Database. 1996. Hong Kong Examinations and Assessment Authority.

Gerhard Wetzel, Abductive and Constraint Logic Programming. 1997.

Jacinto Davila, Agents in Logic Programming. 1997. Lecturer, Universidad de Los Andes, Mérida, Venezuela.

Christopher Preist, Abductive Representation of Disjunctive Information. 1998. Researcher Hewlett-Packard Research Laboratories, Bristol.

Yongyuth Perpoontanalarp, Logical Specification of Multi-Agent Systems. 1998. Lecturer in King Mongkut University of Technology, Thailand.

RESEARCH GRANTS:

1975-78	SRC grant for "Predicate Logic as a Programming Language"
1978-81	SRC grant for "Logic Programming" (with K L Clark)
1980-83	SRC grant for "Logic as a Computer Language for Children" (two research assistants)
1981-83	Nuffield Foundation grant in support of "Logic as a Computer Language for Children"
1982	SERC visiting fellowship for Professor John McCarthy, Stanford University (May 1982)
1982-83	SERC visiting fellowship for Professor Maarten van Emden, University of Waterloo, (Sept.ember 1982 - September 1983)
1982-85	SERC grant for "Logic Databases" (two research assistants)
1982-85	Sinclair Research grant in additional support of "Logic as a Computer Language for Children" (one research assistant)
1983-84	SERC Visiting Fellowship for Professor Dov Gabbay, Bar-Ilan University,

	(September 1983 - September 1986)
1983-85	Nuffield Foundation grant in further support of "Logic as Computer Language for Children", (one research assistant)
1983-86	SERC grant for "Logic-based Man-machine Interaction, (one research assistant)
1983-86	ICL University Research Council grant for Expert Systems, (one research assistant, with K \ensuremath{L} Clark)
1983-86	ICL University Research Council grant for PROLOG implementation, (one research assistant, with K. L. Clark)
1984-85	ESPRIT project ALPES, an environment for logic programming, (two research assistants, with K L Clark, J Darlington and C J Hogger)
1984-87	ALVEY grant: A logic-based front end for the statistics package, GLIM (one research assistant, with D Cox, P Hammond and M J Sergot)
1984-89	ALVEY DHSS Demonstrator Project (three research assistants, with M J Sergot)
1985-88	ALVEY grant: Logic for representing legislation, (two research assistants, with M J Sergot)
1986-89	ALVEY grant: Logic Databases, (two research assistants, with M J Sergot)
1985-94	Hitachi support for logic programming
1984-86	ALVEY support for management of research projects
1985-86	ALVEY support for IKBS "Journeyman" Scheme
1987-88	DTI support for IKBS "Journeyman" Scheme
1989-91	ESPRIT project EQUATOR, temporal reasoning (two research assistants, with M J Sergot)
1989-91	ESPRIT Basic Research Action in Computational Logic (project co-ordinator, two research assistants)
1989-91	ESPRIT Basic Research Working Group in Foundations of Legal Reasoning
1990-95	Fujitsu support for abduction (one research assistant)
1991-92	ESPRIT Network of Excellence in Computational Logic (founding chairman)
1992-93	ESPIRIT Basic Research Project in Computational Logic, Compulog 2, (one research assistant)
1993-96	ESPRIT Logic Programming in Knowledge Representation and Reasoning (collaboration with P M Dung, Bangkok)
1994-95	Human Captital and Mobility, Compulog Group, Co-operation in Computational Logic (Fellowship for Danilo Montesi)
A1997-2000	EPSRC grant for "Logic-Based Multi-agent Systems" (one research assistant, with Fariba Sadri)
2011-2012	Imperial College EPSRC Pathways to Impact funding, to support the implementation of LPS. (with Fariba Sadri)
2016-2017	Imperial College EPSRC Pathways to Impact funding, to support the online implementation of LPS, reachable from lps.doc.ic.ac.uk (with Fariba Sadri)

SMEs". (with Fariba Sadri)

CONFERENCE AND WORKSHOP ORGANISATION:

International Symposium on Proving and Improving Programs

July 1975 Member of programme committee, Arc-et-Senans, France

Logic Programming Conferences

May 1976	Organiser of workshop, Imperial College, London
July 1980	Member of programme committee, Debrecen, Hungary
April 1981	Co-organiser of workshop, Syracuse, New York
September 1982	Member of programme committee, Marseille, France
August 1988	Chairman of programme committee, Seattle, Washington
October 1989	Member of programme committee, Cleveland, Ohio

Conference on Automated Deduction

July 1980	Joint programme chairman, Les Arcs, France
June 1982	Member of programme committee, New York, USA
July 1986	Member of programme committee, Oxford, UK

Functional Languages and Computer Architecture

September 1981 Member of programme committee, New Hampshire, USA

BCS Conference on Knowledge Based Systems

September 1982 Member of programme committee, London, UK

International Joint Conference on Artificial Intelligence

August 1983 Member of programme committee, Karlsruhe, Germany

Workshop on Artificial Intelligence and Database Research

June 1985 Member of advisory committee, Crete

Colloquium on Functional and Logic Programming and Specification (TAPSOFT 87)

March 1987 Member of organising committee and programme committee, Pisa, Italy

International Conference on Principles of Knowledge Representation and Reasoning

May 1989	Member of programme committee, Vancouver, Canada
April 1991	Member of programme committee, Cambridge, Massachusetts

Third International Congress: Logic, Computing and Law

November 1989 Member of scientific committee, Florence, Italy

Conference on Knowledge-Based Computer Systems

December 1989	Member of international advisory committee, Bombay, India
December 1990	Member of international advisory committee, Pune, India
December 1996	Member of programme committee, Bombay, India

Conference on Extending Data Base Technology

May 1990 Member of programme committee, Venice, Italy

Symposium on Computational Logic

November 1990 Member of programme committee, Brussels, Belgium

International Workshop on Processing Declarative Knowledge

July 1991 Member of programme committee, Kaiserslautern, Germany

Third Workshop on Metaprogramming in Logic

June 1992 Member of programme committee, Uppsala, Sweden

Compulog-net workshop on Logic Programming in Artificial Intelligence

March 1992 Organisation and programme committee chairman, London

International Conference on Formal and Applied Practical Reasoning

June 1996 Member of programme committee, Bonn, Germany

International Symposium on Methodologies for Intelligent Systems

June 1996 Member of programme committee, Zakopane, Poland

International Workshop on Logic in Databases

July 1996 Member of programme committee, San Miniato, Italy

Logic Programming and the Internet

December 1996 Organiser of workshop, Imperial College

Logic in Human Reasoning

March 1997 Co-organiser of workshop, London School of Economics

Logic Programming and Non-Monotonic Reasoning

July 1997 Member of programme committee, Dagstuhl, Germany

Logical Foundations of Common sense Reasoning

January 1998 Member of programme committee, London

Logic Programming and Distributed Knowledge Management

April 1999 Organiser of workshop, London

JURISIN

October 2013 Member of programme committee, Yokohama, Japan November 2014 Member of programme committee, Kanagawa, Japan November 2015 Member of advisory committee, Kanagawa, Japan

ReactKnow

August 2014 Member of programme committee, Prague

RuleML

August 2015 Member of programme committee, Berlin

CLOUT (Computational Logic for Use in Teaching)

January and May 2017 Co-organiser of workshop, London

OTHER PROFESSIONAL SERVICE:

1980-86	British Computer Society Special Interest Group in Expert Systems Member of steering committee. Vice-chairman from January 1982
1980	Advisory Board member for anthology of papers on Automated Theorem Proving, published by Springer Verlag
1980-83	Member of Science and Engineering Research Council Subcommittee for Computing and Communications
1981-82	SERC ad hoc panel on knowledge based systems
1981	Participant in EEC ESPRIT study on advanced information processing
1982	Organiser of SERC workshop on logic programming and its computer architecture
1982	Member of SERC Information Engineering Committee Working Party on Further `Education and Training
1982	British Council sponsored study of the Fifth Generation Project in Japan (22 November-10 December)
1983	SERC assessor for lectureships in Information Technology
1983	Member of Advisory Panel for SPL Insight Programme
1983	Steering Committee, SERC/DOI IKBS Architecture study
1983-2013	Editorial Board, New Generation Computing Journal
1983-2000	Editorial Board, Logic Programming Journal
1984	Coordinator, Inference Research Theme, IKBS Directorate, Alvey Programme
1984	SERC panel on British-Japanese research collaboration in Engineering (July)
1984	British Council sponsored research tour. Tata Institute, Bombay (December)
1984	Co-organiser of Alvey Programme Study on Logic Programming
1985	British Council sponsored lecture tour, 2 day seminars in Madras, Bangalore, Trivandrum (November)
1986-present	Advisory Board, Mind and Language
1986	Associate Editor, Addison-Wesley Series on Logic Programming
1986-1998	Association for Logic Programming Honorary Secretary
1987	Consultant to ESPRIT project, INDOC
1987-91	Scientific Advisor to U.N.D.P. sponsored "Knowledge Based Computer Systems Project" in India.
1987-89	Co-chairman Artificial Intelligence technical area, PACE (European Programme of

Continuing Education)

1989-1998 Scientific Advisory Board member, Deutsches Forschungszentrum für Künstliche

Intelligenz

1989 Member of Scientific Committee of Centro Interdipertimentale di Ricerca in Filosofia

del Diritto e Informatica Giuridica "H Kelsen" dell'Università degli Studi di Bologna

1990- Editorial board, Journal of Logic and Computation

1990- Editorial board, Journal of Artificial Intelligence and Law

1990- Editorial Advisory Board, IEICE transactions on Information and Systems

1991 Editorial Board, ESPRIT Basic Research Series

1993- Editorial Board, Interest Group in Propositional and Predicate Logics

1994 Correspondent of the Scientific Committee of the Journal

"Informatica e Diritto"

1995 Editorial Board, Vivek Quarterly Journal in Artificial Intelligence,

NCST, Bombay, India

1995 Member EPSRC Computing College

1995-96 Co-organiser Joint Imperial College LSE Seminar on Practical Reasoning

1996 Editorial Board, Electronic Journal of Positive Reviews in Logic and Artificial Intelligence

2000-2021 Editorial Board, Theory and Practice of Logic Programming (TPLP)

2002 Advisory Board, Springer Book-Series on Cognitive Science and Artificial Intelligence

2003- Advisory Board, National Institute of Informatics, Tokyo, Japan

2007- International Advisory Board, CENTRIA, Universidade Nova de Lisboa.

2008-2013 Consultant to the World Health Organisation, Geneva.

2022 Honorary Chair, The Year of Prolog, International Scientific Committee.

INVITED CONTRIBUTIONS TO WORKSHOPS AND CONFERENCES:

1968 Symposium on Automatic Demonstration. Invited paper. Versaille, France

1968 Fourth Systems Symposium. Panel presentation. Case Western Reserve University

1968 Machine Intelligence Workshop 4. Invited paper. Edinburgh

1969 Machine Intelligence Workshop 5. Invited paper. Edinburgh

1972 Conference on Mathematical Foundations of Computer Science. Invited presentation.

Jablonna, Poland

1973 Workshop on Automatic Problem Solving. Invited presentation.

Pajaro Dunes, California

1976 Workshop on Automatic Theorem Proving. Invited presentation.

Oberwolfach, Germany

1978 Workshop on Logic and Databases. Invited paper. Toulouse, France

1979	Workshop on Applicative Languages and Computer Architecture. Invited presentation. Newcastle
1979	Workshop on Program Transformation. Invited presentation. Harvard University
1979	IFIP meeting of working group 2.1. Invited presentation. Summit, New Jersey
1980	Conference on Very Large Databases. Panel presentation. Montreal
1981	Workshop on Functional Languages and Computer Architectures. Panel presentations. Gothenberg, Sweden
1981	Workshop on Logic Programming for Intelligent Systems. Invited presentations. Los Angeles
1981	Workshop on Theoretical Issues in Databases. Short course, lectures on logic in databases. Calabria, Italy
1981	Seminar on Cross Currents of Computer Science. University of New Hampshire
1981	Conference on Functional Languages and Computer Architectures. Panel presentation. Portsmouth, New Hampshire
1981	Annual Italian Computer Association Congress. Invited paper. Pavia, Italy
1982	Workshop on Prolog Programming Environments. Invited paper. Linkoping, Sweden
1982	Interdisciplinary Conference on Language, Reasoning and Inference. Invited paper. Edinburgh
1982	European Conference on Artificial Intelligence. Invited paper. Orsay, France
1982	Conference on Fifth Generation Computer Systems. Systems Programmers Limited. Invited paper. London
1982	Conference on Fifth Generation Computer Systems. Pergammon Infotech. Invited paper. London
1982	UK National Computer Conference. Invited presentation. Wembley, London
1983	Workshop on Program Specification. Invited paper. York
1983	Conference on Computer Assisted Learning. Invited paper. Bristol
1983	Easter Conference on Artificial Intelligence and Education. Invited paper. Exeter
1983	International Federation of Information Processing. Invited paper. Paris (September)
1983	BCS Conference on Expert Systems. Invited paper. Cambridge (December)
1984	Royal Society Discussion Meeting on "Mathematical Logic and Programming Languages". Invited paper. London (February)
1984	Logic Programming Conference. Keynote Speaker. Uppsala, Sweden (July)
1984	British National Conference on Databases, 3. Invited paper. Leeds (July)
1984	Fifth Generation Software. Programming Logic Systems. Leader of Seminar. New York, (August)

1984	Inter-University Advanced Course on Logic Programming. Presenter. Rio de Janeiro, Brazil (November)
1984	IEEE Conference on Computers, Systems and Signal Processing. Invited Speaker. Bangalore, India (December)
1984	Fourth Conference on Foundations of Software Technology and Theoretical Computer Science. Keynote Speaker. Bangalore, India (December)
1985	Seminar on Logic Programming, Association for Computing Machinery. Presenter. Boston, Massachussets (March)
1985	Conference on Artificial Intelligence and its Applications. Invited speaker. Capri (May)
1985	British Association for the Advancement of Science, Annual Meeting. Invited Speaker. Strathclyde University (August)
1985	Summer School on Logic Programming. Invited lectures. Turku, Finland (August).
1985	Symposium on Logic Programming. Tutorial on Logic Programming. Boston, Massachussets (with F Kriwaczek, July)
1986	ACM Computer Science Conference. Keynote Speaker. Cincinnati, Ohio (February)
1986	International Conference on Logic Programming. Tutorial on Logic Programming. London (with F Kriwaczek, July)
1986	Conference on Automated Deduction. Banquet Speaker. Oxford (July)
1986	2nd International Conference on Artificial Intelligence-Methodology, Systems, Applications. Invited Speaker. Varna, Bulgaria (September)
1987	International Conference on Logic Programming. Banquet Speaker. Melbourne (May)
1987	Seminar on Advanced Data and Knowledge Base Systems. Invited speaker. Capri (June)
1987	Annual Conference of the British Society for the Philosophy of Science. Invited Speaker
1987	Second International GI-Kongress on Knowledge-Based Systems. Invited speaker. Munich (October)
1987	Seminar on Logic Programming. Presenter. Lyngby, Denmark (October)
1987	IBM seminar on Mechanization of Intelligence and Brain Models. Sendai, Japan (November)
1988	Workshop on Machine Learning, Meta-Reasoning and Logics. Invited Speaker. Sesimbra, Portugal (February)
1988	Expert Database Systems Conference. Panel on Knowledge Management. Tyson's Corner, Virginia, USA (April)
1988	Knowledge Based Computer Systems Conference. Invited Speaker. Bangalore, India (June)
1988	International Conference on Automata, Languages and Programming (ICALP). Invited Speaker. Tampere, Finland (July)
1988	International Conference on Logic Programming. Tutorial on Logic and Legal Reasoning. Seattle (August)

1988	International Symposium on Methodologies for Intelligent Systems. Invited Speaker. Torino, Italy (October)
1989	U.K. Logic Programming Association Workshop. Keynote Speaker. London (February)
1989	Conference on Law and Artificial Intelligence. Keynote Speaker. Bologna, Italy (May)
1989	Eurotra Conference. Tutorial on Knowledge Representation. Portugal (September)
1989	UNESCO Symposium on Artificial Intelligence in Higher Education. Keynote Speaker. Prague (October)
1990	U.K.Logic Programming Association Workshop. Invited Speaker. Bristol (March)
1990	Meta 90 Workshop. Invited Speaker. Leuven, Belgium (April)
1990	International Conference on Logic Programming. Banquet Speaker. Jerusalem, Israel (June)
1990	Logic Programming Conference of Japan. Keynote Speaker. Tokyo, Japan (July)
1990	Summer School on Logic, Natural Language, Computation. Tutorial Presentation. Leuven, Belgium (August)
1990	Advanced Summer School on Logic Programming. Lectures on Knowledge Representation. Zurich (August)
1990	European Conference on Artificial Intelligence. Invited lecture on "Achievements of ESPRIT Basic Research". Stockholm (August)
1990	Summer School on Foundations of Logic Programming. Lectures on logic programming for AI. Alghero, Italy (September)
1990	ESPRIT Conference. Invited Lecture. Brussels (November)
1990	Symposium on Computational Logic. Invited lecture and panel presentation. Brussels (November).
1991	Seminar on Expert Systems and their Micro Computer Applications. Invited Speaker. Ankara, Turkey (May)
1991	Lecture course on knowledge representation and reasoning. Faculty of Law, Bologna (May-June).
1991	Italian Logic Programming Association Conference. Invited Speaker. Pisa (June)
1991	Information Technology into the 90's. Invited Speaker. London (June)
1991	International Conference on Logic Programming. Keynote Speaker. Paris (June)
1991	13th IMACS World Congress on Computation and Applied Mathematics. Invited Speaker. Dublin (July)
1991	International Joint Conference on Artificial Intelligence. Invited speaker. Sydney (July)
1991	German Logic Programming Association Workshop. Invited speaker. Berlin (October)
1991	Dutch Conference on Artificial Intelligence. Invited speaker. Amsterdam (December)
1992	Fifth Generation Computer Systems Conference. Panel Chairman. Tokyo (June)

1992	Compulog-Net summer school on applications of logic programming. Invited lectures. Zurich (September)
1992	JAIST International Symposium on Advanced Information Science. Invited speaker, Kanzawa, Japan (October)
1992	Research Conference on Logic, Language and Information. Invited speaker, Autrans, France (December)
1992	Symposium on Logic in Databases, Knowledge, Representation and Reasoning. Invited speaker, College Park, Maryland (November)
1992	Logic Programming in Artificial Intelligence. 2 day lecture course. ICCF, London (September)
1993	Logic Programming and Non-Monotonic Reasoning. Invited speaker. Lisbon, (June)
1993	Dagstuhl Seminar on Reasoning and Argumentation. Invited Speaker, Schloss Dagstuhl, Germany (August)
1994	Workshop on Theorem Proving with Analytic Tableaux. Invited speaker. Abingdon (May)
1994	Workshop on Logic Programming and Law, ICLP, Invited speaker, Santa Margherita, Italy, (June)
1994	Workshop on Legal Reasoning, FGCS Conference. Invited speaker, Tokyo (December)
1995	Fifth International Conference on Artificial Intelligence and Law. Invited speaker, Washington, D.C. (May)
1995	Workshop on Deductive Databases and Abduction, ICLP, Invited speaker, Kanagawa, Japan, (June)
1995	15th International Machine Intelligence Workshop, Invited speaker. Oxford, (July)
1995	GULP-PRODE95. Invited speaker, Salerno, Italy, (September)
1996	PAAM96, Conference on Practical Application of Intelligent Agents and Multi-agent Technology, Invited speaker, London, (March)
1996	International Workshop on Logic in Databases, San Miniato, Italy, (July)
1996	Benelog Conference. Invited Speaker, Louvain la Neuve, (September)
1996	Joint European Conference on Logic in Artificial Intelligence, Invited speaker, Evora, Portugal, (September)
1996	Argumentation Day. Invited Speaker, Maastricht, (December)
1997	AISB Workshop on Practical Reasoning and Rationality. Invited Speaker, Manchester, (April)
1997	International Conference on Logic Programming. Tutorial on Logic Programming and Intelligent Agents, Leuven, (July)
1997	Conference on Logic, Philosophy and Computer Science, Invited Speaker, Queretaro, Mexico (September)
1998	Workshop on Strategic Directions for Logic Programming, Invited Speaker, Shakertown, Kentucky, (April)

1998	Workshop on Logic Programming and Non-monotonic reasoning, Invited Speaker, Trento, Italy, (May)
1998	British Society for the Philosophy of Science: Annual Conference. Invited Speaker, Reading, (September)
1998	Chilean Conference on Computer Science, Invited Speaker, Antofagasta, Chile, (November)
1999	Pacific Rim Conference on Artificial Intelligence, Invited Speaker, Singapore, (November)
2000	Jubilee of University Professors, Information Science and Technology for the Next Century, Invited Speaker, Rome, (September)
2001	CLEI2001 Conference, Mérida, Venuzuela, Invited Speaker, (September)
2001	International Conference on Logic Programming, Invited Speaker, Cyprus, (November)
2002	EDUSAT and Internet seminar at the National Autonomous University of Mexico (UNAM), Mexico City (November)
2003	International Conference on Digital Aided Modelling and Simulation, Keynote Speaker, Coimbatore, India (January)
2003	Workshop on Intuitive Human Interface for Organizing and Accessing Intellectual Assets, Invited Speaker, Sapporo, Japan (March)
2003	Anniversary of Founding of the Department of Computing, Benemerita Universidad Autonoma de Puebla, Mexico, Invited Speaker and Workshop Presenter (November)
2005	Mexican International Conference in Computer Science, ENC'05, Invited Speaker, Puebla, Mexico (Sept)
2007	Course on Logic-based Agents (with Fariba Sadri), Summer School on Logic for Artificial Intelligence, ACAI 2007, Leuven, Belgium (August)
2008	Course on Computational Logic in Human Reasoning, ICCL Summer School 2008: Computational Logic and Cognitive Science (ICCL-SS-2008) TU Dresden, (August)
2009	Third International Conference of Web Reasoning and Rule Systems, RR2009, Invited Speaker, Chantilly, VA, USA (October)
2009	National Computer Science and Engineering Conference, NCSEC 2009, Invited Speaker, Bangkok, Thailand (November)
2011	Tutorial on Computational Logic and Human Thinking, International Spring School on Computational Logic (ISCL). Bertinoro, Italy (April)
2011	Tutorial on Computational Logic and Human Thinking, CADE – the 23rd International Conference on Automated Deduction. Wroclaw, Poland (August)
2011	JURISIN: Fifth International Workshop on Juris-informatics, Invited Speaker, Takamatsu, Japan (December)
2012	RuleML: The 6 th International Symposium on Rules, Invited Speaker, Montpelier, France (August)
2012	The 6th International Conference on Web Reasoning and Rule Systems, the 4th International Conference on Computational Models of Argument and the Datalog 2.0 Workshop, Invited Plenary Speaker, Vienna, Austria (September)
2012	Course on Computational Logic and Human Thinking, University of Kyoto, (Sept-Dec)

2012	International Workshop on Information Search, Integration and Personalization, Sapporo, Japan, Keynote Speaker (October)
2012	International Joint Agent Workshop and Symposium, Tsumagoi, Japan, Invited Speaker (October)
2012	Anniversary Symposium of NII Shonan Meetings, Tokyo, Japan, Keynote Speaker (November)
2013	10 th Annual Computing Department PhD Conference, Unviersity of Surrey, Academic Keynote Speaker, and Member of the Panel of Judges (March)
2013	Commonsense-2013, 11^{th} International Symposium on Logical Formalization on Commonsense Reasoning, Cyprus, Keynote Speaker (May)
2013	LPNMR-2013 12 th International Conference on Logic Programming and Non-monotonic Reasoning, Corunna, Spain, Keynote Speaker (September)
2014	HYBRUS, 4th Workshop on Hybrid Reasoning for Intelligent Systems, Leipzig, Invited Speaker (May)
2014	WIC 2014 Web Intelligence Conference, Warsaw, Keynote Speaker (August)
2015	ICAART 7th International Conference on Agents and Artificial Intelligence, Lisbon, Keynote Speaker (January)
2015	Chicago Society Conference on Technology and Society, Keynote Speaker (May)
2015	Boole Bicentenary, Cork, Invited Speaker (August)
2017	Tutorial on CLOUT (Computational Logic for Use in Thinking), RuleML+RR 2017: International Joint Conference on Rules and Reasoning, London (July)
2017	RuleML+RR 2017: International Joint Conference on Rules and Reasoning, London, Banquet Speaker (July)
2017	Bridging the Gap: Is Logic and Automated Reasoning a Foundation for Human Reasoning? Workshop, CogSci 2017, London, Invited Speaker (July)
2017	CS&P 2017 - Concurrency, Specification, and Programming Workshop 2017, Warsaw, Invited Speaker (September)
2018	RuleML+RR 2018: International Joint Conference on Rules and Reasoning, Luxemboug, Tutorial on Logic and Smart Contracts (September)
2019	ReMeP 2019 – Where Research Meets Practice, Vienna, Keynote Speaker (September)
2021	Logical English on World Logic Day. Invited talk, presented online at the University of Texas at Dallas, 14 January 2021

OTHER DISTINCTIONS:

1963	Woodrow Wilson and US National Science Foundation Fellowships
1983	MIT Distinguished Lecture. Cambridge, Massachussets
1984	Insight Award for Contributions to Fifth Generation Computing
1987	Cray Distinguished Lectureship. University of Minnesota
1987	Annual IBM public lecture. University of East Anglia
1988	Honorary Distinguished Alumnus, Phi Kappa Phi. University of Bridgeport

"Docente a titolo individuale" Centro Interdipartimentale di Ricerca in Filosofia del Diritto e Informatica. Giuridica "H Kelsen", dell'Università degli Studi di Bologna
Fellow, Association for the Advancement of Artificial Intelligence
Turing Lecture. Strathclyde University, Glasgow
Fellow, City and Guilds of London Institute
Fellow, Deutsches Forschungszentrum für Künstliche Intelligenz
Fellow, ECCAI (the European Coordinating Committee for Artificial Intelligence)
Miegunyah Distinguished Fellow, University of Melbourne
Fellow of the ACM (Association for Computing Machinery)
CLUSTER Chair, Swiss Federal Institute of technology at Lausanne (EPFL)
Special issue of ACM Transactions on Computational Logic (TOCL) Volume 2, Number 4 (October 2001) "Dedicated to Robert A Kowalski"
Computational Logic: Logic Programming and Beyond, Essays in Honour of Robert A. Kowalski (eds. A C Kakas and F Sadri) Springer, 2002
First Annual Boole Lecture in Informatics, University of Cork, Ireland
IJCAI (International Joint Conference on Artificial Intelligence) Award for Research Excellence
JSPS (Japan Society for the Promotion of Science) Award for Eminent Scientists
Distinguished Lecture, University of Texas, Dallas
Distinguished Lecture, Royal Holloway College, University of London
CodeX Prize, shared with Fariba Sadri and Marek Sergot for noteworthy contribution to Computational Law.

PUBLICATIONS AND OTHER ARTICLES:

- Kowalski, R. and Hayes, P. J., "Semantic Trees in Automatic Theorem-Proving", in *Machine Intelligence 4*, (eds. B. Meltzer and D. Michie), Edinburgh University Press, 1969, pp. 181-201. Reprinted in *Anthology of Automated Theorem-Proving Papers*, Vol. 2, Springer-Verlag, 1983, pp. 217-232.
- 2 Kowalski R., "The Case for Using Equality Axioms in Automatic Demonstration", in *Symposium on Automatic Demonstration*, Lecture notes in Mathematics, Vol. 125, Springer-Verlag, 1970, pp. 112-127. Reprinted in *Anthology of Automated Theorem-Proving Papers*, Vol. 2, Springer-Verlag, 1983, pp. 377-398.
- Kowalski, R., "Search Strategies for Theorem-proving", in *Machine Intelligence 5*, (eds. B. Meltzer and D. Michie), Edinburgh University Press, 1970, pp. 181-201.
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