

Prof. Ryszard Kowalczyk - Short CV	
Qualifications	PhD (Silesian UT, Gliwice, Poland - 1990), MSc (WSInz Zielona Gora, Poland - 1986)
Employment summary	
2003 - present	Professor of Intelligent Systems, Swinburne University of Technology, Melbourne, Australia
2014 - present	Professorship (lifetime award by President of Poland), Polish Academy of Sciences, Poland
2008 - 2010	Director, Swinburne Centre Complex Software Systems and Services, Melbourne, Australia
2006 - 2008	Director, Swinburne Centre for IT Research, Melbourne, Australia
2004 - 2006	Visiting Professor, Hasso-Plattner-Institute (HPI), University of Potsdam, Germany
1996 - 2003	Principal Research Scientist, Head of Applied AI Group, CSIRO, Melbourne & Sydney, Australia
1992 - 1996	Senior Research Scientist, CRA (Rio Tinto) Advanced Technology Development, Perth, Australia
Research experience	
<p>Ryszard Kowalczyk is Full Professor of Intelligent Systems in School of Software and Electrical Engineering, Faculty of Science, Engineering and Technology; Head of Intelligent Agent Technology and Smart Energy Management research; and FAVeR Coordinator of e-Research at Swinburne University of Technology, Australia. During 2006-2010 he was Founding Director of Swinburne University Centre for IT Research (and its successor Swinburne Centre for Complex Software Systems and Services), involving some 80 academic staff and PhD research students, and was also actively involved in the establishment of a national Cooperative Research Centre for Smart Services. Prof Kowalczyk is internationally recognised for his significant impact-making research contributions and leadership in intelligent systems and their applications in socio-cyber-physical systems such as web/grid/cloud/IoT service oriented systems and smart infrastructure (smart grid, smart city, Industry 4.0). He has co-authored 4 patents and more than 200 articles in international journals and fully refereed conference proceedings. He is a co-Editor-in-Chief of Transactions on Computational Collective Intelligence (Springer) and has served on Editorial and Advisory Boards of several international journals with leading publishers (Elsevier, Springer-Verlag, Kluwer) and international technical committees (IEEE SMC, IEEE FIPA). He has successfully led more than 30 R&D projects funded by competitive grants and industry in excess of \$25 million, delivering significant research and commercial benefits; for example in two projects his industry partners reported benefits of \$50 million. His current and past industry collaborators include Suncorp, Segura, Zimbani, CGREI, AARNet, Siemens, GWR, Telstra, DSTO, Canon, IBM, Australian Navy, SAP and DaimlerChrysler. Prof Kowalczyk has led the development and delivery of several large international collaboration projects including EU-FP6 Adaptive Services Grids involving 21 partners, and the largest Federal Government (DEST-ISL) funded project for international collaboration in agent-based service computing in Australia, which was also one of the largest single university led projects in that area internationally. He has been instrumental in establishing a Public-Private Partnership for Energy Management Research at Swinburne, led commercialisation of www.SmartCloudBroker.com technology, and more recently led Swinburne's engagement in establishing a National Institute of Science and Technology on Smart Industry, supported by the Brazilian National Research Council, and involving 12 Brazilian universities, 14 companies and 8 international universities from the United States, United Kingdom, Germany and Australia. He is also involved in informing the development of multi-disciplinary Smart City Institute and Digital Innovation Platform at Swinburne. More info: www.ict.swin.edu.au/personal/rkowalczyk</p>	
Publications	Total = 200+
<ul style="list-style-type: none"> 40+ international journal papers (IEEE, Elsevier, John Wiley & Sons, Taylor & Francis, Springer-Verlag) and 130+ fully refereed international conference papers; edited 20+ books and international journal special issues 	
Grant funding (since 2003)	Total = \$25.1M
National Competitive: <ul style="list-style-type: none"> Australian Research Council (ARC) Linkage: \$437K Australian Research Council (ARC) Discovery: \$534K International Competitive: <ul style="list-style-type: none"> Incl. EU FP6 & ERD: \$17.4M 	Other Competitive: <ul style="list-style-type: none"> AU DEST-ISL & Academy of Sciences: \$1.26M Contracted Research (including prior to 2003): <ul style="list-style-type: none"> Industry and Government: ~\$4M Other: <ul style="list-style-type: none"> Swinburne & joint ventures: \$433K
PhD supervision	Total = 20
<ul style="list-style-type: none"> Supervised 16 PhD students to completion (incl 3 Cotutelle Students); currently supervises 4 PhD students 	
International scientific community engagement (current and past selected)	
Editorships: <ul style="list-style-type: none"> Co-Editor-in-Chief of Transactions on Computational Collective Intelligence (Springer) Editorial Board of Journal of Algorithms in Cognition, Informatics and Logic (Elsevier) Editorial Board of International Journal on Multiagent and Grid Systems (IOS Press) Editorial Board of International Journal of Applied Mathematics and Computer Science (past) Editorial Advisory Board of International Transactions on Systems Science and Applications Editorial Review Board of International Journal of People-Oriented Programming (IGI Global) Editorial Review Board of Journal of E-Commerce in Organisations (IGI Global, past) Book Review Editor for Soft Computing (Kluwer, past) Advisory and Steering Committees: <ul style="list-style-type: none"> IEEE SMC Technical Committee on Self-Organized Distributed and Pervasive Systems Advisory Board and Scientific Committee of the International Artificial Intelligence Knowledge Society Advisory Member of 4 working groups in IEEE FIPA Standardisation Organisation for Agent Technology Co-Founder and Steering Committee member of Service Sciences Society Australia Advisory Board of Centre for Intelligent Information Technologies at University Rey Juan Carlos, Madrid, Spain Program Committee member of more than 120 international conferences and workshops 	