



Curriculum Vitae

Personal Information

Name:

Nikola Kirilov Kasabov

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<http://www.kedri.info>

Qualifications

Qualification name:	Institution:	Date of Graduation:
PhD (Math. Sciences)	Technical University (TU), Sofia	07.04.1975
PostGrad Diploma (Applied Math.)	Technical University, Sofia	30.09.1972
MSc (Electrical Eng., spec. Computer Science)	Technical University, Sofia	30.09.1971

Professional Affiliations/Memberships

- IEEE (Institute of Electrical and Electronic Engineers), since 1994, Fellow 2010
- RSNZ (Royal Society of New Zealand), since 1996, Fellow, 2001
- IITP (previously New Zealand Computer Society), since 1992, Fellow 2002
- INNS (International Neural Network Society) since 1995, Senior Member, 2008
- APNNA (Asia-Pacific Neural Network Assembly) since 1993, Co-founder.

Distinctions (e.g., prizes, scholarships, invited memberships, notable posts, honorary degrees):

- Distinguished Visiting Fellowship by the Royal Academy of Engineering (RAE), UK, 2013.
- Recipient of the 'Outstanding Achievements Award' of the Asia Pacific Neural Network Assembly (APNNA), 2012.
- Recipient of the INNS Gabor Award for 2012 (www.inns.org).
- EU FP7 Marie Curie Fellowship, 2011 and 2012, INI/ETH and University of Zurich.
- Distinguished Lecturer of the IEEE Distinguished Lectureship Program, CI Society (2011-2013).
- Fellow of the IEEE (the Institute of Electrical and Electronic Engineers), since 2010.
- President, International Neural Network Society (INNS, www.inns.org), 2009-2010.
- Member of the Board of Governors, INNS, since 2005.
- Honorary Guest Professor at Shanghai Jiao Tong University, China, (since 2010).
- The AUT Vice Chancellor Award for Individual Research Excellence, 2010.
- President, Asia-Pacific Neural Network Assembly, APNNA, www.apnna.net, 2008.
- Best Paper Award, IEEE International Workshop on Data Mining & Artificial Intelligence, in conjunction with 11th IEEE Int. Conference on Computer and Information Technology (ICCIT2008), Bangladesh.
- The Bayer Science Innovator Award, 2007.
- The AUT Vice Chancellor's Award for Postgraduate Research Supervision, 2007.
- DAAD Visiting Professorship, 2005-2006, Germany.
- APNNA Excellent Service Award for overall contribution to Neuro-information Processing, 2005.
- President of the Asian Pacific Neural Network Assembly (APNNA), 1997 and 2008.
- International Neural Network Society, Vice President, 2007 and 2008
- Best Paper Award, IEEE 2003 Int. Conf. on Neural Networks & Signal Processing, Nanjing, China, December 2003.
- Fellow of the Royal Society of New Zealand, since 2001.
- The Royal Society of New Zealand Silver Medal for Contribution to Science and Technology, 2001.
- Member of the Top Achiever Doctoral Committee, Tertiary Education Committee, NZ (since 1999).
- International Neural Network Society, Distinction, Washington DC, 1999.
- New Zealand FRST Award for supervision of a PhD student (M. Laws), 1999.
- Best paper award, The Fourteenth European Meeting on Cybern. and System Research, Vienna, 04/1998.
- IFIP (International Federation for Information Processing), WG 12 for Artificial Intelligence, since 1997

- NWO/SION (Dutch Organisation for Scient./Comp.Science) Research Grant, U. Maastricht, The Netherlands, 1998.
- Research Fellowship Grant, University of Twente, The Netherlands, 1998.
- Prize for Invention with High Practical Applicability, National Institute of Inventions, Bulgaria, 1992.
- Leverhulme Trust Research Fellowship, University of Essex, United Kingdom, 1989/90.
- Czechoslovakia, Research Fellowship, Institute of Cybernetics, Bratislava, 1987.
- Research Fellowship, Research and Education Ministry, The Netherlands, 1984.

Languages (in addition to English)

- Bulgarian, fluently written and spoken
- Russian, written and spoken
- German, moderately written and spoken
- Italian, beginner

Employment History

(a) Present Positions

- Professor and Personal Chair, School of Comput.and Math.Sciences, Auckland Univ. Technology (AUT), since June 2002.
- Founding Director, Knowledge Engin.and Discovery Research Institute, KEDRI (www.kedri.info), AUT, since June 2002.
- Honorary Guest Professor, Shanghai Jiao Tong University, since 2010.

(b) Employment History

- Professor and Personal Chair, Department of Information Science, University of Otago, 02/1999 – 06/2002.
- Founding Director, Knowledge Engineering Laboratory, University of Otago, 1994 – 2002.
- Associate Professor, Department of Information Science, U.Otago, 1996 to 1998.
- Senior Lecturer, University of Otago/Department of Information Science, 1992 –1995.
- Research Fellow and Senior Lecturer, University of Essex (UK)/Department of Computer Science, 1989 –1991.
- Associate Professor, Technical University (TU) (Sofia)/Department of Computer Science, 1988 – 1989.
- Director of International Graduate School in Artificial Intelligence, TU Sofia, 1988 – 1991.
- Lecturer and Senior Lecturer, TU Sofia/ Department of Computer Science, 1978 – 1988.
- Research Fellow, TU Sofia/Department of Computer Science, 1976 – 1978.

Other Relevant Experience

(a) Experience Working in Other Countries

- EU FP7 Marie Curie Visiting Professor, INI/ETH and University of Zurich, 1.06-30.11.2011.
- Germany, DAAD Visiting Professor, U. Kaiserslautern, 1.10.2005-28.02.2006.
- Italy, Visiting Professor, University of Trento: March-April 2001; March-June 2000; March – May 1998.
- The Netherlands, Visiting Research Fellow: University of Twente, 06/ 1998; Univ. Maastricht, 1-2/ 1998.
- The UK, Leverhulme Trust Research Fellow, University of Essex, 1989-1990.
- Czechoslovakia, Visiting Research Fellow, Institute of Cybernetics (Bratislava) 6-7/1987.
- The Netherlands, Research Fellow, University of Delft, 2-7/ 1984.

(b) National/International Collaboration

- Tripartite collaboration: Shanghai Jiao Tong University – Xinjiang University – AUT – coordinator, since 2009.
- Collaboration project with the Chinese Academy of Sciences – Institute of Automation – coordinator, since 2010.
- Partnership with several European Universities for EU projects: ETH Zurich; U. Manchester; Humboldt U., since 2011.
- Collaboration with Kyushu Institute of Technology, Japan, since 1993.
- Collaboration with the National Institute of Commun. and Information Technologies, NiCT, Tokyo, Japan, 2007-2011.
- PI of a collaborative research project “Connectionist-based intelligent information systems”, FRST/NERF NZ, 1995-2007.
- Research associate and consultant: Advanced Information Modelling Joint Venture, AUT and James and Wells, Chief Scientist, since 2011; Pacific Edge Biotechnology Ltd. - PEBL NZ, Co-founder and consultant, since 1998; NZ Bio-protection CoRE - Centre of Research Excellence, Lincoln, consultant, since 2003; SCOPE Project – U. Auckland, consultant, 2004-2009; RASP project – U. Auckland, consultant, 2008.
- Director, NZ Bioinformatics Summer School at AUT University, 2003 and 2004.
- Coordinator of SIG “Computational Intelligence in Bioinformatics” as part of BISC (Berkeley Initiative of Soft Computing), Department of Comp.Science and Electr.Engineering, U. of California at Berkeley, USA, since July 2002.
- Visiting researcher, National Cancer Institute, National Institute for Health - NIH, Frederick, Washington DC, 2002 -2008.
- Co-ordinator of exchange programmes, University of Twente and University of Maastricht, The Netherlands, since 1998.
- RIKEN, Brain Science Institute, Japan, Collaboration on research projects, since 2001.
- Founder of the Bionformatics SIG, Technical University of Sofia – branch Plovdiv, Bulgaria, 2004.
- The Int. Consortium for Speech Translation Advanced Research, C-STAR II, Japan, Affiliate member, 1996-1999.

Research Activities

(a) Research Expertise

- Information Sciences
- Artificial Intelligence (Neural Networks, Fuzzy Systems, Evolutionary Computation)
- Machine learning
- Knowledge Engineering
- Bioinformatics
- Brain-like computing and neuroinformatics
- Signal, Speech and Image Processing

(b) Experience in Applied R & D, contract research, consultancies, patents

- Co-founder and Chief Scientist of AUT spin-off *Crunchouse* (<http://www.crunchouse.com>);
- Co-founder and on the Advisory Board of *Pacific Edge Biotechnology Ltd*, www.pebl.co.nz, established in 2001, Dunedin, New Zealand.
- Founder of *Knowledge Engineering Consulting Ltd.*, www.keconsult.com, established 2001.
- Consultant: PEBL (since 1997); ViaLactia Biosciences, Auckland (2005); FONTERRA, Auckland (2004-2006); Lucent-Telecom (2005); Fidelity genetics (2005); Biometric technology Ltd (2005); Waste Solutions Ltd, Dunedin (1994-2001); Hort Research (1996-2000); Steel Manufacturing Company Kremikovtsi, Sofia, Bulgaria (1988 - 1992); Institute for Agricultural Research, Plovdiv, Bulgaria (1987-89); Medical Academy, Sofia, Bulgaria (1987-88).
- Patents – total 28.

(c) Research Grants

Last 22 Years

(1) Principal Investigator or Associate Principal Investigator

- 2014-2015, RSNZ, NZ-FRG Cooperation project with Humboldt University.
- 2011-2013, Ministry of Education, NZ, Tripartite project with China: Advanced information technologies for environmental event prediction; 80,000NZD
- 2012-2014, MBIE, Advanced spiking neural network technologies for neurorehabilitation, 300,000NZD
- 2011-2012, EU FP7 Marie Curie EvoSpike project,; INI/ETH and University of Zurich, Euro120,000 (<http://ncs.ethz.ch/projects/evospike>)
- 2008/2010, NiCT, Tokyo, Japan, Fast algorithms for cyber-security data stream on-line modelling and analysis, NZ\$360,000.
- 2002/2007, NERF, Connectionist-Based Intelligent Information Systems, \$360,000 p.a
- 2006, Fonterra, Predicting milk volume production, NZ\$78,000
- 2006, Telecom/Lucent/Medialab, Close loop optimisation, NZ\$70,000
- 2002/2006, HRC, Predicting colorectal cancer outcome using gene expression profiling, \$300,000 pa
- 2002/2004, Cancer Society of NZ, Neuroblastoma treatment prediction, \$80,000pa
- 2003/2004, Fonterra, Evaluation of evolving connectionist techniques and their applications, \$55,000
- 2004, ViaLactia Biosciences, NZ herd phenotype quality analysis, \$75,000.
- 1997-2001, University of Otago, Connectionist-Based Information Systems, Emerging Theme Research, \$20,000 pa
- 1998/2002, FRST and NERF, Connectionist-Based Intelligent Information Systems, \$360,000 p.a., 1996/98, FRST UOO-606, Connectionist-Based Information Systems, \$385,000 p.a
- 1995/98, FRST UOO-509, Spatial Analysis Systems and Management, \$303,000 p.a
- 1998/99, Otago Research Grant, Adaptive neuro-fuzzy methods in pharmaceutical sciences, \$30,000
- 1997/98, Otago Research Grant, Neuro-fuzzy methods in pharmaceutical sciences, \$35,000
- 1995, Otago Research Grant, Methods and Tools for Building Adaptable Speech Interfaces to Standard and Fuzzy Databases, \$25,193
- 1995-1997, Waste Solutions Ltd, Neuro-Fuzzy Control, \$20,000
- 1994/95, FRST, Development of a Spatial Analysis Tool Box, \$57,000
- 1994, TELECOM New Zealand Ltd, Automatic Speech Recognition, \$24,500
- 1994, Departmental Research Grant, University of Otago, A Software Environment for Building Fuzzy Connectionist Production Systems - FuzzyCOPE, \$10,000

(2) Contributing researcher:

- 2004/2008, NERF, SCOPE, subcontract to University of Auckland, 25,000pa.
- 2007-2008, Health Research Council, RASP – Rapid assessment of smoking status using change in acoustic parameters of voice. 40,000\$.
- 1998/2000, FRST, Biological Orchard Production Systems, appr.\$200,000 p.a., 1.7.1998 - 1.7.2002.
- 1998/2002, FRST, Distributed Information Systems, appr.\$350,000 p.a., 1.01.98- 31.12.2002.
- 1998/2002, FRST, Spatial Analysis Systems and Management, appr.\$100,000 p.a., 1.10.1998 - 1.10.2002.

Prior to the Last 22 Years

- Principal researcher of projects funded by the Bulgarian Ministry of Science and Technology (BMST): Parallel processing systems (1989-1991); Expert systems for agricultural applications (1988-91); Expert systems for planning and decision making (1988-1991); Intelligent tutoring systems (1987-1989); The design and the implementation of GESMI- an expert system shell (1985-87).
- Principal researcher of projects funded by the Bulgarian National Institute of Inventions: Stack memory device (1985-87); Multi-register memory systems (1984-1986).
- Principal researcher of academic and industrial projects in Bulgaria (1974-1988): Multi-microprocessor systems for the Metallurgy Industry (1984-1988); Bubble-domain memories for computer systems (1984-86); Performance evaluation of computer systems (1978-1980); Information systems for financial operations in the Kazanluk textile industry (1974-1975).

(c) Supervision of Postgraduate Students

Completed PhD

Kshitij Dhole, Dynamic evolving spiking neural networks for moving object recognition, 2009-2013
Nuttapod Nuntalid, Evolving spiking neural networks for EEG data pattern recognition, 2009-2013
Linda Liang, Personalised modelling for Medical Decision Support and case study of stroke data, 2010-2013
Boris Basic, Connectionist and hybrid methods for video data analysis, AUT, 2004 - 2013.
Haza Nuzly, Quantum particle swarm optimisation: methods and applications, since 2008-2012.
Maggie Ma, Evolving connectionist systems for decision support in medical prognosis, NZ Top Achiever Doctoral Scholarship TAD, AUT, 2006-2012.
Gary Chen, On-line evolving systems for learning of large streams of data and applications for cybersecurity, 2008-2012.
Harya Widiputra, Dynamic interaction networks for multiple time series prediction, 2007-2011.
Raphael Hu, Personalised modelling for personalised medicine, 2011.
Frances Joseph, Design and computational intelligence, AUT, 2011.
Paulo Gotttroy, Integrated ontology systems for knowledge discovery, 2004-2011.
Stefan Schliebs, Heterogeneous probabilistic models for the optimisation of evolving spiking neural networks, 2010.
Anju Verma, Ontology-based personalised modelling for chronic disease prognosis, 2005-09
Peter Hwang, Local and personalised modelling and knowledge discovery for real world problem solving, 2005-2009.
Snejana Soltic, Evolving connectionist systems for environmental modelling, 2003-2009.
Vishal Jain, System biology – data analysis, modelling and knowledge discovery, 2004-08.
Simei Wyosky, Brain like speech and image integration methods and systems, 2004-2008.
Liang Goh, Methods for information integration and knowledge discovery on gene expression data, 2002-2005.
David Parry, On-line intelligent data mining for medical data, 2000-2005.
Michael Watts, Evolving connectionist systems, University of Otago, 1999-2004.
Brendon Woodford, Connectionist-based adaptive expert systems and image analysis in horticulture, Otago, 1999-2008.
Matthias Futschik, Microarray Gene Expression Data Analysis and Knowledge Discovery, U. Otago, NZ, 2000-2003.
Waleed Abdulla, Signal processing and acoustic modelling for speech recognition systems, U. Otago, 1998-2002.
Q. Song, Evolving connectionist systems for dynamic modelling, University of Otago, 1998-2002.
Mark Laws, Maori language integration in the age of information technology, Otago U., 1998 -2002.
R. Kilgour, Connectionist systems for speech recognition, University of Otago, 1997-2001.
J. Kim, Neuro-fuzzy techniques for intelligent systems, University of Otago, 1996-1999
S. Israel, Probabilistic-connectionist processing to improve image pattern recognition, University of Otago, 1995-1999
S. Shishkov, Connectionist production systems, TU, Sofia, Bulgaria, 1990-1994
N. Nikolaev, Denotation semantics for AI, TU, Sofia, Bulgaria, 1990-1994

Only few selected completed Masters:

Y. Turkova, MPhil, Modelling brain perception data, AUT, 2014
Linda Liang, Personalised modelling, AUT, 2008-2009.
Nisha Mohan, Transductive reasoning and personalised modelling, 2005.
Andreas Magusin, Bi-clustering in bioinformatics, Auckland University of Technology, 2003-04.
M. Middlemiss, On-line decision support systems in bioinformatics, University of Otago, 2001.
M. Laws, A Bilingual speech interface for New Zealand English to Maori, University of Otago, 2001.
R. Kilgour, Hybrid systems and neural networks for speech recognition, University of Otago, 1994 -1996.
M. Bailey, Intelligent systems for control, 1997.
S. Sinclair, Multi-modular speech recognition systems, University of Otago, 1997.
D. Nikovski, Speech recognition and neural networks, TU Sofia, 1992.
C. Neshev, Hybrid system COPE, TU Sofia, Bulgaria, 1992.
S. Petrova, Machine learning, TU Sofia, Bulgaria, 1992.
T. Dekova, FLIPS Fuzzy Expert System, TU Sofia, Bulgaria, 1992.
P. Kalinkov, Neural networks for game simulation, TU Sofia, Bulgaria, 1992.
L. Chen, Simulation of CLIPS on associative computer memory, University of Essex, 1990.
C. Tan, Template-based learning, University of Essex, 1990-1991.
T. Lin, MPhil, Production systems on associative memories, University of Essex, 1990-92.

Currently supervising the following PhD students:

Neelava Sengupta, fMRI Data Modelling, since 2014,
Maryam Doborjeh, Brain data segmentation, since 2014,
Vivienne Breen, Personalised modelling in Bioinformatics, since 2013
Nathan Scott, Neuromorphic computation, since 2013
Elisa Capecci, Neurogenetic modelling, since 2013
Fahad Alvi, Age invariant face recognition, since 2013.
Reggio Hartono, Rule extraction in data mining, since 2013
Muhaini Othman, Integrated Ontology and Machine Learning Methods and Systems, since 2011.
Norhanifah Murli, Spatio-temporal fMRI data analysis with spiking neural networks, since 2011.
Shoba Tannigmah, Ontology systems for knowledge discovery, since 2009.
Zohre Doborjeh, Neuroeconomics, 2014-.
Paul Davidson, Multiagent competitive systems, since 2011.

Prior to the Last 22 Years

- Supervised 43 successful MSc dissertations (1977-1990), Technical University of Sofia, Department of Computer Science.
- Supervised 5 successful postgraduate diplomas in Artificial Intelligence, International Graduate School of AI, Technical University of Sofia (1988 -1991).

Teaching activities

Introduced and taught the following academic courses:

- Neuroinformatics (Masters level), AUT, since 2013
- Machine learning, University of Padova, Italy, May 2011.
- Data mining and knowledge engineering, (Masters level), Auckland University of Technology, since 2003.
- Bioinformatics, (Masters level), Auckland University of Technology, since 2004.
- Machine learning and information visualisation, Tainan, Taiwan, 2010.
- Knowledge engineering and intelligent systems, TU Kaiserslautern, Germany, (Postgr. level), 2005/06.
- Evolving connectionist systems (Qualification level), Singapore, Malaysia, 2002,2003 and 2004.
- Data, information and knowledge (Undergraduate level), University of Otago, 2001
- Intelligent systems (Undergraduate level), University of Otago, NZ, 1993-2002
- Neural networks and fuzzy systems, 1993 -2002 (Postgraduate level) University of Otago, NZ (The course was re-named to “Advanced knowledge engineering” in 1999)
- Programming techniques, (Undergraduate level), 2000-2001, University of Essex, UK
- Expert systems (Postgraduate level), 1984, Technical University of Sofia, Bulgaria
- Parallel processing (Postgraduate level), 1984, Technical University of Sofia, Bulgaria
- Analysis and synthesis of algorithms, (Undergraduate level), 1980, TU Sofia, Bulgaria
- Computing (Undergraduate level), 1978, Technical University of Sofia, Bulgaria

University Service

(a) Positions held within Department/School/Division

Last 22 Years

- Member of the Research Committee, Faculty of DCT, AUT, since 2005.
- Member of the Research Committee, Faculty of Business, AUT, 2003-2004.
- Founding director of the Knowledge Engineering Research Laboratory <http://kel.otago.ac.nz>, U. Otago, 1994-2002.
- Member of the Graduate Committee, Inform. Science Department, U. Otago, 1994 – 2001

Prior to the last 22 Years

- Deputy Director of the Artificial Intelligence Research Laboratory, TU Sofia- Bulgaria, 1987-91
- Member of the Faculty Board, Faculty of Automation and Computing, TU Sofia, Bulgaria, 1987-91
- Deputy Dean for International Relations, Faculty of Radio-electronics, TU Sofia, 1987-89

(b) Positions held at University level

Last 22 years

- Founding and present Director, Knowledge Engineering and Discovery Research Institute, www.kedri.info, AUT, since June 2002.
- Member of the Academic Board, Auckland University of Technology, 2002-2004, 2013-.
- Co-ordinator and principal researcher of the University Emerging Research Theme “Connectionist-based information systems”, University of Otago, 1996-2002.

Prior to the last 22 years

Director of International Graduate School in AI, TU Sofia, 1988-91

Professional Activities

(a) Academic and Professional Advice and Services

- RSNZ, Member of the new fellow selection committee, NZ, 2006-2013 (Chair in 2010).
- Top Achiever Doctoral Committee (Bright Future Scholarship Committee) TEC NZ, 1999-2009.
- Otago Institute Council (The Otago Branch of the Royal Society of New Zealand), 1998 till 2002.
- Marsden Fund, New Zealand, Reviewer, since 1996.
- FRST (Foundation for Research Science and Technology, New Zealand), Reviewer, since 1994.
- Australian Research Council, Research proposal reviewer, since 1995.
- Multiple Sclerosis Society, Australia, Research proposal reviewer, 1996.
- Royal British Society, UK, Research proposal reviewer, 1992-1997.
- School of Pharmacy, University of Otago, Consultant on a PhD research project, 1995-1998.
- School of Physical Education, University of Otago Consultant on a PhD research project, 1997.
- Depart. Psychology and Computer Science, Univ. Otago Consultant on a MSc projects, 1994-1997.
- Centre of Neuro-sciences, Sofia, Bulgaria, Consultant and project proposal reviewer, 1990 - 92.
- University of Essex, UK, Convenor of a multi-disciplinary seminar on neural networks, 1991.

(b) Service to External Academic and Professional Activities

Service to, or leadership in, academic discipline or professional associations:

- Honorary Member, Greek Computer Society
- INNS Governor Board Member, 2011-till now
- INNS, President, 2009 and 2010.
- INNS Member of the BoG, since 2005.
- APNNA, President, 2007-2008.
- INNS, President-Elect, 2007.
- INNS, Vice President and Member of the Governing Board, 2005-2007.
- IEEE, Fellow (since 2010) and Senior Member (2001-2010).
- IEEE Computational Intelligence Society, Neural Networks Technical Committee, Taskforce co-ordinator, since 2004.
- IFIP (International Federation for Information Processing) – TC12 group, chair of 12.2, 1998-2001.
- APNNA (Asia Pacific Neural Network Assembly) – member of the Governing Board, since 1993.
- New Zealand Computer Society, Chairman of the "Artificial Neural Networks and Expert Systems" SIG 1993-1996.
- IEEE Robotics and Automation Society, Member of an International Board, 1996-98.

General Conference Chair and co-chair of professional conferences

1. NCEI, 2015, Auckland, General Chair
2. NCEI, 2012, Auckland, General Chair (www.kedri.info)
3. ICONIP'2008, 25-28.11.2008, Auckland, General Chair
4. INNS NNN08, 24-25.11.2008, Auckland, Program Chair
5. HIS 2007, Program co-chair, Kaiserslautern, Germany, September, 2007
6. IJCNN'2007, Florida, USA, Program Co-Chair
7. HIS & NCEI'06, Auckland 13-15 2006, General Chair
8. EFS, 2006, Lancaster UK, Co-Chair
9. ICANN'2005, Poland, Tutorial chair
10. ICONIP'2004 – Calcutta, November 2004, Program Chair
11. IJCNN/FUZZ IEEE, 2004 – Program, vice-chair, Budapest, 2004
12. ICONIP'2003 – The 13th Int. Conf. on Neural Information Processing, Istanbul, July 2003, Tutorial Chair.
13. WCCI'2002 – The World Congress of Computational Intelligence, May 2002, Hawaii, Program co-chair of IJCNN2002
14. JCIS'2002, Chair of the Workshop on "Adaptive systems for speech recognition" Durham, March, 2002
15. FUZZ/IEEE 2001 – The 10th IEEE Int. Conf. Fuzzy Systems, Melbourne, Australia, Dec.2001, Scientific Area Chair.
16. ANNES'2001 - The 5th NZ Int. Conf. Artificial Neural Networks and Expert Systems, Dunedin, November 2001.
17. IES'2001 – The 5th Australasia-Japan Joint Workshop on Intell. and Evolutionary Systems, Dunedin, NZ, Nov.2001.
18. ICONIP'2001 – The 8th Int. Conf. on Neural Inform.Processing, Shanghai, Nov. 2001, Chair (International Promotion).
19. IIZUKA'2000 – An international conference on soft computing, Japan, Program chair.
20. ICONIP'99 - The 6th Asian Pacific Int. Conf.Neural Information Processing, ANZIS'99,ANNES'99, Perth, 1999.
21. ICONIP'97 - The 4th Asian Pacific Int.Conf. Neural Information Processing, ANZIS'97, ANNES'97, Dunedin,1997.
22. .ANNES'95 - The 2nd NZ Int. Two-Stream Conf. on Artificial Neural Networks and Expert Systems, Dunedin, 1995.
23. ANNES'93 - The 1st NZ Int.Two-Stream Conf. Artificial Neural Networks and Expert Systems, Dunedin, Nov.1993.

Organiser and Chairman of Invited Sessions at International Conferences

1. 2013, ICONIP, Daegu, Korea

2. 2012, WCCI, Brisbane.
3. 2010, WCCI, Barcelona.
4. 2009, IJCNN 2009, Atlanta, USA, special session
5. ICONIP 2008, Auckland
6. 2008, WCCI, Hong Kong, special session
7. 2007, ICONIP, Japan, special session
8. 2006, WCCI - IJCNN and FUZZ-IEEE, 3 special sessions, Vancouver, 2006
9. 2005, IJCNN'2005, special session on computational neurogenetic modelling (with L.Benuskova)
10. 2004, ICONIP'2004, special session on adaptive intelligent systems (with Prof. Yamakawa)
11. 2003, JCIS'2003, Chair of the Workshop on "Adaptive systems and brain-like computing", Durham, September, 2003
12. 2003, Track organiser, ICONIP'2003, July, 2003, Istanbul
13. 2002, Special session organiser, ICONIP'2002, Singapore, November
14. 2002, Special session organiser, JCIS'2000 – Joint Conference on Information sciences, USA
15. 2000, Workshop organiser, JCIS'2000 – Joint Conference on Information sciences, USA, Atlantic City
16. 1999, Workshop "Future directions for intelligent systems and information sciences", November, Dunedin, 1999
17. 1999, Special session "Adaptive speech recognition", ICONIP'99, Perth
18. 1996, Neuro-fuzzy models and adaptive information systems, ICONIP'96, Hong Kong, 13-17 September
19. 1996, Hybrid systems for knowledge engineering, Iizuka'96, Japan, 3-7 October
20. 1994, Hybrid systems, Iizuka'94, Japan, 1-8 August
21. 1994, WWW'94-IEEE/Nagoya University Wise person Workshop on Fuzzy Logic and Neural Networks/Evolutionary Computation, Nagoya, Japan

Member of international programme committees

1. WCCI/IJCNN 2016, Vancouver
2. IJCNN 2015, Ireland
3. ICONIP, 2015, Istanbul, November 2015.
4. EANN 2014, Sofia, September (Honorary Chair)
5. ICONIP 2014, Kuching, Malaysia, November
6. WCCI/IJCNN 2014, Beijing, July
7. ICONIP 2013, Daegu, Korea, November 2013
8. ICANN 2013, Sofia, September (Honorary Chair)
9. IJCNN 2013, Texas, August, 2013
10. IJCNN, 2012, Brisbane, June 2012
11. IJCNN, 2011, San Jose, July 2011
12. WCCI, 2010, Barcelona, July 2010
13. ICONIP 2009, Bangkok
14. IJCNN'2009, Atlanta, USA.
15. WCCI 2008, Hong Kong
16. ICANN 2007, Porto
17. IJCNN 2006, Vancouver
18. FUZZ-IEEE 2006, Vancouver
19. ICANN 2006, Athens
20. KES 2006, UK
21. IJCNN'2005, Montreal
22. ICANN'2005, Warsaw
23. ICONIP'2004, Calcutta
24. IJCNN'2004, Budapest
25. ICONIP'2003, Istanbul
26. ICONIP'2002, Singapore
27. IAE'2002, Australia
28. ICAIS'2002 - Australia
29. ICONIP'2001 – Shanghai, November 2001
30. CEC'2001, Korea, May 2001
31. IJCNN'2000 – Como, Italy, July 2000
32. Iizuka'2000 – Iizuka, Japan
33. CEC'2000, San Diego, July 2000
34. ICONIP'2000 – Seoul, November 2000
35. Neural Computation'2000 – Berlin, 2000
36. Joint Conference on Information Sciences JCIS, Atlantic City, USA, 2000
37. ICONIP'99 - The Sixth Asian Pacific Int. Conf. Neural Information Processing, Sydney, October 1999
38. IJCNN'99- Washington DC, July 1999
39. ICONIP'98 - Kitakyushu, Japan, October 1998
40. IIZUKA'98 – Int. Conference on neural networks, fuzzy systems and soft computing, Iizuka, Japan, October 1998
41. ICNN&B'98 - International Conference on Neural Networks anBrain, Beijing, 27-30 October 1998

42. AI'98, Australian Joint Conference on Artificial Intelligence, 13-17 July 1998, Brisbane, Australia
43. NC'98 – International Symposium on Neural Computation, Vienna, Austria, September 23-25 1998
44. GeoComputation'97, University of Otago, August 1997
45. IFSA'97 Seventh World Congress of the International Fuzzy Systems Association, June 25-27 1997, Prague
46. BOFL'96 - International workshop on breakthrough opportunities for fuzzy logic, Yokohama, Japan, December 1996
47. ACNN'96 - The Seventh Australian Conference on Neural Networks, Sydney
48. ICONIP'96 - Hong Kong
49. IIZUKA'96 - Iizuka, Japan
50. ANZIIS'96 - The 4th Australian NZ Conf. on Intelligent Inform. Systems, Adelaide, Nov.1996, Liaison Chair.
51. AID'96 - International Conference on AI in Design, Carnegie Melon University, USA, Vice-chair for New Zealand
52. FLAMOC'96 - International Conference on Fuzzy Logic and the Management of Complexity, Sydney.
53. FUBEST'96 - The Second Workshop on fuzzy based expert systems, Sofia, October 1996.
54. SIC'96 - International Panel Conference on Soft and Intelligent Computing, Budapest, October 1996
55. ICONIP'95 - The Second International Conference on Neural Information Processing, Beijing
56. ANZIIS'95 - Perth, 1995, Liaison Chair for New Zealand
57. ACNN'95 - The Fifth Australian Conference on Neural Networks, Sydney,
58. WWW'95 - IEEE/Nagoya U. Wise Person Workshop on Fuzzy Logic and Neural Netw./Evolutionary Comp., Japan.
59. CFSA/IFIS/SOFT'95 - International Conference on Fuzzy Theory and Applications, Taiwan
60. ICONIP'94 - The First International Conference on Neural Information processing, Seoul, Korea
61. ANZIIS'94 - Brisbane, Liaison Chair for New Zealand.
62. AIA'94 - The Second International Round-Table on Abstract Intelligent Agents, Rome, Italy.
63. AIMSA'90 - Artificial Intelligence - Methodology, Systems, Applications, Varna, Bulgaria.
64. AI'88 - Artificial Intelligence, Sozopol, Bulgaria, Vice-chair of the programming committee.

Editorship of journals and periodicals.

Co-Founder and Co-Editor in Chief

Evolving Systems: Interdisciplinary Journal for Advanced Science and Technology, Springer, 2010-

Associate Editor:

1. Neural Networks, Elsevier, since 2007.
2. Information Sciences, Elsevier Science, since 2001.
3. IEEE Transactions of Fuzzy Systems, 2006-2010.
4. Int. J. Functional Informatics and Personalised Medicine, since 2010.
5. IEEE Transactions of Neural Networks, 2005-2009.
6. International Journal of Neural Systems, World Scientific, 2005-2009.
7. Computational and Theoretical Nanoscience, American Scientific Publishers, since 2003.
8. The International Journal of Hybrid Intelligent Systems, since 2004.
9. IEEE Transactions of Industrial Informatics, 2004-2007.
10. Applied Soft Computing, Elsevier, since 2000.
11. International Journal of Computational Intelligence and Applications, Imperial College Press, London, since 2000.
12. Neural Information Processing: Letters and Reviews, since 2004.
13. Journal of Advanced Computational Intelligence and Intelligent Informatics, Japan, since 1997.
14. Biomedical Fuzzy and Human Sciences, Japan, since 1996.
15. Australian Journal of Intelligent Information Processing Systems, since 1996.

Guest editor of special issues of journals:

1. Neural Networks and Applications, Springer, 2013
2. IEEE Transactions on Autonomous Mental Development, 2011
3. Neural Networks and Applications, 2011
4. IEEE Transactions of Fuzzy Systems, 2008
5. Journal of Computational and Theoretical Nanoscience, Comp. Intelligence for Bioinformatics, 2005
6. Int. Journal of Comp. Intelligence and Applications, 2004
7. Information Sciences: 2003, 2001, 1998 and 1997
8. Journal of Advanced Computational Intelligence: 1998
9. Australian Journal of Intelligent Information Processing Systems: 1998 and 1996
10. International Journal of Intelligent Systems: 1997
11. Fuzzy Sets and Systems: 1996

Reviewer of international journals:

1. Neural Networks, since 1993
2. IEEE Transactions on Neural Networks, since 1994
3. IEEE Transactions on Fuzzy Systems, since 1995
4. IEEE Transactions on Systems, Man, and Cybernetics, since 1995

5. Information Sciences, since 1995
6. IEEE Transactions on Industrial Electronics, 1997
7. IEEE Trans. Data and Knowledge Engineering, since 2003
8. Informatica, since 1997
9. Journal of Advanced Computational Intelligence and Informatics, since 1997
10. BioSilico, since 2004
11. Applied Soft Computing, since 2003.
12. Int. Journal of Comp. Intelligence and Applications, since 2002
13. Australian Journal of Intelligent Information Processing Systems, since 1994
14. Fuzzy Sets and Systems, North Holland, since 1994
15. Lecture Notes in Computer Science/Artificial Intelligence, since 1994
16. Medical and Biological Engineering and Computing, England, 1992 -1996

Examiner of postgraduate research theses at other Universities

1. AUT and TUT (France), PhD thesis, 2014.
2. Aalto University, Finland, PhD thesis, 2014.
3. Indian Statistical Institute, Calcutta, PhD thesis, 2014
4. The University of Auckland, PhD, June 2014.
5. Nanyang Technological University (NTU), 2013
6. University of Malaya, 2011
7. The University of Auckland, PhD thesis, 2009
8. University of Malaysia, PhD thesis, 2008
9. University of Otago, PhD thesis, 2008
10. The University of Auckland, Masters thesis, 2008
11. Nanyang Technological University, Singapore, PhD Thesis, 2007
12. Nanyang Technological University, Singapore, PhD Thesis, 2007
13. Indian Statistical Institute, PhD thesis, 2007
14. Nanyang Technological University, Singapore, PhD Thesis, 2006
15. Indian Statistical Institute, PhD thesis, 2006
16. Auckland University of Technology, Masters thesis, 2006
17. The University of Auckland, PhD thesis, 2005
18. Lincoln University, PhD thesis, 2004
19. Deakin University, Australia, PhD thesis, 2004
20. University of Auckland, PhD thesis, 2002
21. Deakin University, Australia, PhD thesis, 2003
22. University of Auckland, PhD thesis, 2002
23. University of Auckland, Masters thesis, 2002
24. University of Auckland, PhD thesis, 2001
25. Massey University, PhD thesis, 2001
26. University of South Australia, PhD Thesis, 2000
27. University of Western Australia, PhD Thesis, 2000
28. Auckland University, PhD thesis, June 2000
29. Swinburn University, Australia, PhD Thesis, September 1999
30. Auckland University, PhD thesis, September, 1999
31. Swinburn University, Australia, PhD Thesis, March, 1999
32. Auckland University, PhD thesis, April, 1999
33. Swinburn University, Australia, PhD Thesis, 1998
34. Massey University, PhD Thesis, 1998
35. Swinburn University, Australia, PhD Thesis, 1997
36. University of New South Wales, Australia, PhD thesis, 1997
37. Massey University, PhD thesis, 1997
38. Auckland University, PhD thesis, 1997
39. Auckland University, Masters thesis, 1996
40. Massey University, Masters thesis, 1996
41. University of Canterbury, Masters thesis, 1996
42. University of Canterbury, PhD thesis, 1995
43. Massey University, 2 PhD theses, 1995
44. Auckland University, PhD thesis, 1994
45. Nanyang University of Technology, Singapore, 2 Masters dissertations, 1994

Seminar talks and lectures at other Universities and Faculties

1. Shanghai JiaoTong University, June 2014
2. University Tun Hussein Onn Malaysia (UTHM), June 2014.

3. University of Technology Malaysia (UTM), June 2014.
4. University of Ulster, DVS RAE UK, lecture, October 2013.
5. University of Lancaster, DVS RAE UK, lecture, October 2013.
6. University of Manchester, DVS RAE UK, lecture, October 2013.
7. University of Essex, DVS RAE UK, lecture, October 2013.
8. University of Surrey, DVS RAE UK, lecture, October 2013.
9. University of Portsmouth, DVS RAE UK, lecture, October 2013.
10. IEEE CIS Distinguished Lecture in Catholic University of Rio de Janeiro, Brazil, April 2013
11. IEEE CIS Distinguished Lecture in Sao Carlos University, Brazil, April 2013
12. Shanghai- Jiao Tong University, China, November 2012
13. Denjiang University, Shanghai, 2012
14. Shanghai- Jiao Tong University, China, May 2011
15. University of Xinjiang, China, May 2011
16. Institute for Neuroinformatics, Zurich – ETH, 2010, Probabilistic Spiking Neural Networks
17. University of Cambridge, UK, 2010, Personalised and Neuro-genetic Modelling.
18. Multinational University, Beijing, China, 2010, Personalised Modelling for Medical Decision Support.
19. Shanghai Jiao Tong University, China, 2010, Brain-, gene-, and quantum inspired intelligent systems.
20. Auckland University of technology, 2009
21. The University of Auckland, 2008
22. University of Oxford, Oxford, UK, October 2007
23. Imperial College, London, UK, October 2007
24. University of Reggio di Calabria, Italy, October 2007
25. University of Trento, Italy, September 2007
26. University of Coimbra, Portugal, September 2007
27. University of Ulster, Londonderry, October 2006
28. Mackay University, Queensland, Australia, April 2006
29. University of Lausanne, Switzerland, December 2005
30. University College of London, Medical School, December 2005
31. Fraunhofer Institute and UNI-Kaiserslautern, Germany, November 2005
32. University of Lancaster, UK, September, 2005
33. Bulgarian Academy of Sciences, August 2005
34. University of Nagoya, Nagoya, Japan, June 2005
35. University of Natural Sciences, Ho Chi Min City, Vietnam, June 2005
36. University College London, 2004
37. TU of Sofia, Bulgaria, 2004
38. TU of Kaiserslautern, Germany, 2004
39. Kyushu Institute of Technology, Japan, 2004, 2001
40. Kobe University, Japan, 2004
41. Ritsumeikan University, Japan, March 2003 and May 2002
42. University of California at Berkeley, July 2002 and December 2003
43. Stanford University, USA, July 2002
44. National Cancer Institute, Washington DC, May 2002
45. Pohang University, Korea, 2000
46. University of Auckland, June 2000
47. IRST and University of Trento, May, 2000
48. University of California at Berkeley, July 1999
49. University of Milano, June 1999
50. University of Ulm, Germany, June 1999
51. University of Venice, May, 1998
52. University of Trento, Italy, May, 1998
53. University of Napels, Italy, April, 1998
54. University of Essex, UK, December 1997
55. University of New South Wales, Sydney, Australia, April 1997
56. University of Kaiserslautern, Germany, 1995
57. University of Trento, Italy, 1995
58. National Research Institute in Milano, 1995
59. University of Canterbury, 1995
60. Nanyang University of Technology, Singapore, 1993
61. University of Nottingham, U.K., 1991
62. King's College, University of London, UK, 1991
63. University of York, U.K., 1991
64. University of Essex, U.K., 1991

Community Service

Media commentaries and columns on professional matters:

- TVNZ1, Brain signals for robot control, video, 2011
- Idealog, Auckland, June 2009 (also on YouTube)
- Computer World, Dec.2008
- The NZ Business Review, September 2008
- NZ Herald, April, 2008
- The NZ National Business Review Magazine, The Bayer Innovation in Science Winner, 2007
- NZ Computer World, November, 2005
- NZ Herald, 2002
- Who is Who in the World, entries since 1995
- Who is Who in Science and Engineering, entries since 1995
- Who is Who in New Zealand, since 1999
- Otago Daily Times, December, 2001, September 1999, May 2000
- Who is Who in Asia and the Pacific Nations, since 1999
- People of the 20th century, Cambridge Biographical Centre, since 1999
- International authors and writers - Who is Who, Cambridge Biographical centre, since 1999
- Marquis Who's Who in America, entries 1995- 2000.
- World Directory of Mathematicians, listed in the NZ's entry, 1998.
- Bulgarian National Radio, Interview, 01/1998.
- Bulgarian newspaper "24 hours", Article on Intelligent Robots, 01/1998.
- TVNZ, 2 interviews, 11/1977.
- Quickface, The NZ Comp. Soc.Monthly Bulletin, 8 articles on intelligent inform. systems and ANNES SIG, 1995-96.
- National Radio, NZ, Interview with Diana Burns on Intelligent information systems, 11/1996.
- Southern Television news report on ANNES'95 conference and on a Research Project, 11/95.
- Otago Daily Times, Report on ANNES'95 conference and on a Talking Computer Project, 11/95.
- Campus Review, vol.5, 1029, article on a research project, 1995.
- 4XO Gold Radio Station Dunedin, Interview, 07/1995.
- Dunedin Star Weekender, article by Frank Campbell, 06/1995.
- Five articles on computing published in a general public magazine "Eni Hayat", Bulgaria; 1982-88 (in Bulgarian).
- A series of five radio programmes on Computer science, National Radio, Bulgaria; 1982 (in Bulgarian).

Public lectures

1. "The World of Information, where Science, Art and Engin. Meet", Fac. Design and Creative Techn.,AUT, April 2007.
2. "Knowledge Engineering, Neurocomputing and Knowledge Discovery", Royal Society of NZ, Wellington, Nov., 2002.
3. "Knowledge Engineering and Knowledge Discovery", Inaugural Prof. Lecture, AUT, Sept. 2002.
4. "Artificial Intelligence – Myth, or reality", Eranos lecture, University of Otago, September 2001.
5. "Connectionist systems for data mining and knowledge discovery in Bioinformatics", U. Otago, 2001.
6. "Data, information and knowledge and their metamorphoses" – lecture at the Otago Royal Society of NZ, 2000.
7. "Intelligent systems for a knowledge-based society", Inaugural Prof. Lecture, University of Otago, 22 September 1999.
8. "Intelligent Information Systems: the present and the future", To the IEEE Chapter, Singapore, November 1994.

Provision of continuing education

Hands-on-Science summer school - project leader, University of Otago, 1995.

Hands-on-Science summer school - project leader, University of Otago, 1994.

Supporting Polytechnics, Colleges, Schools

- Established and sponsored 2 annual high school student awards at SOU Pavlikeni, Bulgaria, since 2006.
- Polytechnic, assistance in curriculum development, Southland Polytechnic, Invercargill, 1995
- Southland Polytechnic, Invercargill, a series of lectures - 1993 and 1994
- Joint projects with secondary schools, Sofia, Bulgaria, 1987-89
- Joint seminars for university and school students, Sofia, Bulgaria, 1987-89

Cultural and/or Scientific Access, Participation and Development

Participation at musical concerts at the conferences Iizuka' 2000, 1996, 1994, and ICONIP 07, Japan.

Participation at folk music festivals, Dunedin, 1994

Publications

Prof. N. Kasabov's Publications and Citations on Google Scholar (29.10.2014): 8099 citations, h-ind=38; i10-ind=146:
http://scholar.google.com/citations?hl=en&user=YTa9Dz4AAAAJ&view_op=list_works

(a) Books

Authored

1. Kasabov, N. *Evolving Connectionist Systems: The Knowledge Engineering Approach (new edition)*, Springer Verlag, London, (2007) 458p
2. Benuskova, L. and N.Kasabov, Computational neuro-genetic modelling: Integrating bioinformatics and brain science data, information and knowledge via computational intelligence, Springer, New York, 2007, 290 pages
3. Kasabov, N. *Evolving connectionist systems: Methods and applications in bioinformatics, brain study and intelligent machines*, Springer Verlag, London, (2003) 308p
4. Kasabov, N. *Foundations of Neural Networks, Fuzzy Systems and Knowledge Engineering*. Cambridge, Massachussets, MIT Press (1996) 550p
5. Kasabov, N. and Romanski, R. *Computer Architectures and Techniques* Sofia, Technika (1992) 435p (in Bulgarian)
6. Stoichev, S. and Kasabov, N. *Programming in PASCAL*. Sofia, Technika (1989) 136p (in Bulgarian)
7. Stoichev, S. and Kasabov, N. *Synthesis and Analysis of Algorithms*. Sofia, Technika (1988) 84p (in Bulgarian)
8. Stoichev, S. and Kasabov, N. *Computer Architectures and Techniques*. Sofia, Technika (1986) 348p (in Bulgarian)
9. Stoichev, S. and Kasabov, N. *Computers - Theory and Practice (Programming of Microprocessors)*. Sofia, Technika (1984) 120p (in Bulgarian)

Edited scientific, research books:

1. N.Kasabov (ed) *The Springer Handbook of Bio- and Neuroinformatics*, Springer (2014) 1230 p
2. Koprinkova-Hristova, P., Mladenov, V., & Kasabov, N. (2014). *Artificial Neural Networks Methods and Applications in Bio-/Neuroinformatics (Vol. 4)*. Springer. doi:10.1007/978-3-319-09903-3
3. P.Angelov, D.Filev, and N.Kasabov (eds) *Evolving intelligent systems*, IEEE Press and Wiley, 2010
4. Kasabov, N. (ed.) *Future Directions for Intelligent Systems and Information Sciences*, Heidelberg, Physica-Verlag (Springer Verlag) (2000), 420pp
5. Kasabov, N. and Kozma, R. (eds.) *Neuro-Fuzzy Techniques for Intelligent Information Systems*, Heidelberg, Physica-Verlag (Springer Verlag) (1999), 450pp
6. Amari, S. and Kasabov, N. (eds.) *Brain-like Computing and Intelligent Information Systems*, Singapore, Springer Verlag (1998), 533 p.

Edited Conference Proceedings:

1. V.Mladenov, P.Koprinkova, B.Apoloni, N.Kasabov, Proc. of ICANN 2013, Sofia, 2013, Springer LNCS, 2013.
2. M.Koeppen, N.Kasabov and G.Coghill, *Advancements in Neural Information Processing*, Proc. off ICONIP 2008, Springer LNCS, vol. 5506/5507, 2009
3. J.Si, R.Sun, D.Brown, I.King and N.Kasabov (eds) *Proceedings of the Int Joint Conference on Neural Networks – IJCNN*, 12-16 August 2007, IEEE Press, 2007
4. A.Koenig, M.Koeppen, A.Abraham, C.Igel and N.Kasabov, Proc. Seventh Int. Conference on Hybrid Intelligent Systems – HIS 2007, 17-19 Sept.2007, IEEE Comp.Soc.Press
5. P.Angelov, D.Filev, N.Kasabov, O.Cordon (eds) Proc. 2006 Int. Symp. Evolving Fuzzy Systems, Lancaster, UK, IEEE Press, 2006
6. N. Pal, Nikola Kasabov et al, (eds) Proc. of the Int. Conf. on Neuro Information Processing, Calcutta, November 2004, Springer Verlag, Vol. 3316, ICONIP'2004, Heidelberg, 2004
7. M.Barley, N.Kasabov (eds) *Intelligent Multi-agent Systems*, LNAI, vol. , 2004
8. Kasabov N., Pang S., (eds) *International Journal of Computers, Systems and Signals*, Volume 5 No. 2, 2004
9. K. Chen, Shu Heng Chen, Heng Da Cheng, David K.Y. Chiu, Sanjoy Das, Richard Duro, Zhen Jiang, Nik Kasabov, Etienne Kerre, Hong Va Leong, Qing Li., Mi Lu, Manuel Grana Romay, Don Ventura, Paul P. Wang, Jie Wu (eds) *Proceedings of the 7th Joint Conference on Information Sciences, JCIS 2003*, 1780 pages
10. Kasabov, N, Zeke S.H. Chan (eds) *Proceedings of the Conference on Neuro-Computing and Evolving Intelligence*, November 2003, Auckland University of Technology, (2003) 122 pages
11. Kasabov, N. *Proceedings of the Neurocomputing Colloquium and Workshop*, October, AUT, (2002) 85 pages
12. Kasabov, N., B.Woodford (eds) *Proceedings of the ANNES'2001*, University of Otago (2001) 150 pages
13. Gedeon, T., P.Wong, S.Halgamuge, N.Kasabov, D.Nauck, and K.Fukushima (eds) *ICONIP'99-Proceedings of the 6th Inter. Conf. on Neural Information Processing*, 16-20.11.1999, Perth, IEEE Press (1999), Vol. I & II, 842 pages

14. Kasabov, N., and K.Ko, (eds) Emerging Knowledge Engineering and Connectionist-based Information Systems. Proceedings of the ICONIP/ANZIIS/ANNES'99 Workshop "Future directions for intelligent systems and information sciences, Dunedin, 22-23 Nov.1999, University of Otago (1999)
15. Kasabov, N., Kozma, R., O'Shea, R., Ko, K., Coghill, G., and Gedeon, T., (eds) Advances in Connectionist-Based Information Systems. Proc. Int. Conf. Neural Information Processing ICONIP'97, Springer Verlag, (1998), 1550 pages
16. Kasabov, N. and Coghill, G. (eds) Proceedings of the Second New Zealand International Conference on Artificial Neural Networks and Expert Systems, ANNES'95, Dunedin, IEEE Computer Soc. Press, Los Alamitos (1995) 401 pages
17. Kasabov, N. (ed.) The First New Zealand International Conference on Artificial Neural Networks and Expert Systems, Proceedings of ANNES'93 Dunedin, IEEE Computer Society Press (1993) 346 pages

(b) Book Chapters

1. Kasabov, N. (2014). Understanding Nature Through the Symbiosis of Information Science, Bioinformatics and Neuroinformatics. In Springer Handbook of Bio-/Neuroinformatics.
2. Kasabov, N. (2014). Brain, Gene, and Quantum Inspired Computational Intelligence. In N. Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics. Springer.
3. Georgieva, P., Silva, F., Milanova, M., & Kasabov, N. (2014). EEG Signal Processing for Brain-Computer Interfaces. In N. Kasabov (Ed.), Springer Handbook for Bio-/Neuroinformatics. Springer.
4. Schliebs, S., & Kasabov, N. (2014). Computational Modeling with Spiking Neural Networks. In N. Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics.
5. Tegginmath, S., Pears, R., & Kasabov, N. (2014). Ontologies and Machine Learning Systems. Springer. In N. Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics.
6. Liang, L., Krishnamurthi, R., Kasabov, N., & Feigin, V. (2014). Information methods for predicting risk and outcome of stroke. In N. Kasabov (Ed.), Springer Handbook of Bio-/Neuroinformatics.
7. Hu, Y., Kasabov, N., & Liang, W. (2014). Personalised Information Modelling Technologies for Personalised Medicine. In N. Kasabov (Ed.), Springer Handbook of Bio- and Neuroinformatics (pp. 1-32). Springer..
8. Kasabov, N. (2013). The Evolution of the Evolving Neuro-Fuzzy Systems: From Expert Systems to Spiking-, Neurogenetic-, and Quantum Inspired. In R. Seising, E. Trillas, C. Moraga, & S. Termini (Eds.), On Fuzziness A Homage to Lotfi A Zadeh (Vol. 298, pp. 271-280). Springer.
9. Kasabov, N., Evolving Spiking Neural Networks and Neurogenetic Systems for Spatio- and Spectro-Temporal Data Modelling and Pattern Recognition, Springer-Verlag Berlin Heidelberg 2012, J. Liu et al. (Eds.): IEEE WCCI 2012, LNCS 7311, pp. 234-260
10. Widiputra, H., Pears, R., and Kasabov, N., Dynamic learning of multiple time series in a non-stationary environment, In: Sayed-Mouchaweh, Moamar; Lughofer, Edwin (Eds.), Learning in Non Stationary Environments: Methods and Applications, ISBN 978-1-4419-8019-9, Springer, 2012.
11. S.Soltic, N.Kasabov (2011) A Biologically Inspired Evolving Spiking Neural Model with Rank-Order Population Coding and a Taste Recognition System Case Study, Chapter 7 in : Turgay Temel (Ed) System and Circuit Design for Biologically-Inspired Intelligent Learning, IGI Global, 136-155, ISBN13: 9781609600181, 2011
12. Haza Nuzly Abdull Hamed, Nikola K. Kasabov and Siti Mariyam Shamsuddin., Quantum-Inspired Particle Swarm Optimization for Feature Selection and Parameter Optimization in Evolving Spiking Neural Networks for Classification Tasks, Evolutionary Algorithms, Eisuke Kita (Ed.),pp 133-148, ISBN: 978-953-307-171-8, InTech, 2011
13. Harya Widiputra, Russel Pears, Nikola Kasabov, Kalman Filter to Estimate Dynamic and Important Patterns of Interaction between Multiple Variables, in: Joaquín M. Gomez (ed) Kalman Filtering, Nova Science-New York, pp. 289-320, ISBN: 978-1-61761-462-0, 2011
14. S Ozawa, S Pang and N Kasabov, On-line Feature Extraction for Evolving Intelligent Systems, in: P. Angelov, D. Filev, and N. Kasabov (eds) Evolving intelligent systems, IEEE Press and Wiley, 2010, (7) 151-172.
15. Wysoski SG, Benuskova L, Kasabov N, Brain-Like Evolving Spiking Neural Networks for Multimodal Information Processing. In Brain-Inspired Information Technology. Editors: Hanazawa A, Miki T, Horio K. 266: 15-27. Springer 2010.
16. Shimo N, Pang S, Horio K, Kasabov N, Tamukoh H, Koga T, Sonoh S, Isogai H, Yamakawa T, Effective and Adaptive Learning Based on Diverse/Specific Curiosity. In Brain-Inspired Information Technology. Editors: Hanazawa A, Miki T, Horio K. 266: 171-175. Springer 2010.
17. Kasabov N, Integrative Probabilistic Evolving Spiking Neural Networks Utilising Quantum Inspired Evolutionary Algorithm: A Computational Framework. In Advances in Machine Learning II. Editors: Koronacki J, Ras ZW, Wierzchon ST, Kacprzyk J. 263: 415-425. Springer 2010
18. Kasabov, N. (2009). Soft computing methods for global, local and personalized modeling and applications in bioinformatics. In Soft ComputingBased Modeling in Intel. Systems (Vol. 196, pp. 1-18). doi:10.1007/978-3-642-00448-3.
19. Nikola Kasabov, Qun Song, Lubica Benuskova, Paulo Gottgroy, Vishal Jain, Anju Verma, Ilkka Havukkala, Elaine Rush, Russel Pears, Alex Tjahjana, Yingjie Hu, Stephen MacDonell, Integrating Local and Personalised Modelling with Global Ontology Knowledge Bases for Biomedical and Bioinformatics Decision Support, Chapter 4, 93-116 In: Smolin et al (eds) Computational Intelligence in Biomedicine and Bioinformatics, Springer, 2008

20. Pang, S., Havukkala, I., Hu, Yingjie, Kasabov, N.: Bootstrapping Consistency Method for Optimal Gene Selection from Microarray Gene Expression Data for Classification Problems. Chapter 4, In: Zhang, Y.-Q., Rajapakse, J.C. (eds.): *Machine Learning for Bioinformatics*. John Wiley & Sons, Inc., New Jersey (2008)
21. N Kasabov, V Jain, L Benuskova, P Gottgtröy and F Joseph, Integration of Brain-Gene Ontology and Simulation Systems for Learning, Modelling and Discovery, In: *Computational Intelligence in Medical Informatics, Series: Studies in Computational Intelligence*, Vol. 85, 221-234. Eds; Arpad Kelemen, Ajith Abraham, Yulan Liang, ISBN: 978-3-540-75766-5, 2008
22. Kasabov, N., Song, Q., & Ma, T. M. (2008). Fuzzy-neuro systems for local and personalized modelling. In *Forging New Frontiers: Fuzzy Pioneers II* (Vol. 218, pp. 175-197). Berlin / Heidelberg: Springer. doi:10.1007/978-3-540-73185-6_8
23. Pang, S., & Kasabov, N. (2008). SVMT-rule: Association rule mining over SVM classification trees. In *Rule Extraction from Support Vector Machines* (Vol. 80, pp. 135-162). doi:10.1007/978-3-540-75390-2_6
24. Ravi, V., Kumar, P.R, Srinivas, E.R., Kasabov, N.K. A Semi-Online Training Algorithm for Radial Basis Function Neural Networks: Application to Bankruptcy Prediction in Banks, Chapter XV in: V.Ravi (ed) *Advances in Banking Technology and Management*, Information Science Reference, Hashley-New York, 2007, pp. 243-260
25. N.Kasabov, Brain-, Gene-, and Quantum Inspired Computational Intelligence: Challenges and Opportunities, in: W. Duch and J. Manzdruk (eds) *Challenges in Computational Intelligence*, ISBN: 978-3-540-71983-0, 193-219, Springer 2007.
26. Gottgtröy P., Kasabov N., Macdonell S., *Evolving Ontologies for Intelligent Decision Support*, Elsevier, *Fuzzy Logic And The Semantic Web*, Chapter 21, pp 415-439, 2006
27. N.Kasabov, Brain-, Gene-, and Quantum Inspired Computational Intelligence: Challenges and Opportunities, in: Reusch. B (eds) *Computational Intelligence, Theory and Applications*, ISBN: 978-3-540-34780-4, 521-544, Springer 2006.
28. Kasabov, N., Liang Goh and Mike Sullivan, *Integrated Prognostic Profiles: Combining Clinical and Gene Expression Information through Evolving Connectionist Approach*, Chapter 10, in: Bajic. V and Tan Tin Wee (eds), *Information Processing and Living Systems*, Imperial College Press, Singapore, 2005, 695-706.
29. Kasabov, N. , Zeke Chan, Vishal Jain, Igor Sidorov and Dimiter Dimitrov, *Computational Modelling of Gene Regulatory Networks*, Ch 8, in: Bajic., V and Tan Tin Wee (eds), *Information Processing and Living Systems*, Imperial College Press, Singapore, 2005, 673-686.
30. Kasabov, N., Z.Chan, Q.Song and D.Greer, *Evolving neuro-fuzzy systems with evolutionary parameter self-optimisation*, chapter in: *Do Adaptive Smart Systems exist?* Springer, *Series Study in Fuzziness*, vol.173, 2005
31. Kasabov N., and L. Benuskova, *Theoretical and Computational Models for Neuro-, Genetic-, and Neuro-Genetic Information Processing*, in: M. Rieth and W. Sommers (eds) *Handbook of Theoretical and Computational Nanotechnology*, Vol. X pp 1-38, American Scientific Publisher, 2005
32. Dimitrov, D. S., Igor A. Sidorov and Nikola Kasabov *Computational Biology*, in: M. Rieth and W. Sommers (eds) *Handbook of Theoret. and Computational Nanotechnology*, Vol. 1 (1) American Scientific Publisher, Chapter 21, 2004
33. Kasabov, N. and D. Dimitrov, *Discovering gene regulatory networks from gene expression data with the use of evolving connectionist systems*, chapter in: L.Wang and Rajapakse (eds) *Neural Inform. Processing*, Vol. 152, Springer Verlag, 2004
34. Kasabov, N. *Evolving Connectionist-based Decision Support Systems*, in: X.Yu, J.Kacprzyk (eds), *Applied Decision Support with Soft Computing*, series: *Studies in Fuzziness and Soft Computing*, vol. 124, Springer (2003).
35. Kasabov, N. *Decision support systems and expert systems*, in: M. Arbib (ed) *Handbook of brain study and neural networks*, MIT Press (2003).
36. Kasabov, N. *Brain-like functions in evolving connectionist systems for on-line, knowledge-based learning*, in: T. Kitamura (ed) *What should be Computed to Understand and Model Brain Functions*, *FLSI Soft Computing Series*, Volume 3, World Scientific (2001), 77-113.
37. Kasabov N., and G. Iliev, *A methodology and a system for adaptive speech recognition in a noisy environment based on adaptive noise cancellation and evolving fuzzy neural networks*, in: *Neuro-Fuzzy Pattern Recognition*, H. Bunke and A. Kandel, eds., World Scientific 2000, 179-203.
38. Kasabov, N., *Evolving and Evolutionary Connectionist Systems for On-Line Learning and Knowledge Engineering in: Peter Sincak, Jan Vascak (eds) Quo Vadis Computational Intelligence? New Trends and Approaches in Computational Intelligence*, Physica-Verlag, 2000, 361-369
39. Iliev, G. and Kasabov, N., *Dual-Tone Multiple Frequency Detection Using Adaptive Filters and Neural Network Classifiers* in: P. Sincak, J. Vascak, V. Kvasnicka, R. Mesiar (eds) *The State of the Art in Computational Intelligence*, Physica-Verlag, 2000, 302-307
40. Kasabov, N., Erzegovezi, L, Fedrizzi, M, Beber, A, and Deng, D, *Hybrid Intelligent Decision Support Systems and Applications for Risk Analysis and Prediction of Evolving Economic Clusters in Europe*, in: N. Kasabov (ed) *Future directions for intelligent information systems and information sciences*, Springer Verlag, 2000, 347-372
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253. Kasabov, N. Structural representation of basic algebraic transformations in a finite automata in Proceedings of the Radio and Communication Annual Symposium, Sofia, Bulgaria (1979) 49-54
254. Dakovski, L., and Kasabov, N. Non-minimal generating sets of PN and SN and their finite automata realisation in Proceedings of the Radio and Communication Annual Symposium, Sofia, Bulgaria (1978) 23-29
255. Dakovski, L., and Kasabov, N. About implementation of sequential circuits in computational modules in Proceedings of the Radio and Communication Annual Symposium, Sofia, Bulgaria (1978) 57-61
256. Dakovski, L., and Kasabov, N. Logical-, register- and system design in homogenous cellular structures in Proceedings of the Radio and Communication Annual Symposium, Sofia, Bulgaria (1978) 91-95

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258. Kasabov, N. On the generation of algebraic transformations and the design of discrete systems – possibilities and problems in Proceedings of the Radio and Communication Annual Symposium, Sofia, Bulgaria (1977) 75 - 79
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(f) Other Significant Conference Presentations and Publications

Invitational Addresses, Keynote Speeches

1. Keynote, EANN, Sofia, September 2014
2. Keynote, SCDM 2014, Soft Computing and Data Mining, Malaysia, June 2014
3. Invited, ICONIP 2014, Kuching, Malaysia
4. Keynote, ICANN 2013, Sofia, 10- 13.09.2013
5. Keynote, EANN 2013, Halkidiki, Greece, 13-16.09.2013
6. Keynote, 6th Balkan Conf. on Informatics, 17th Panhellenic Conf. in Informatics, Thessalonica, Greece, 19-21.09.2013
7. Keynote, ICIC 2013, 28-31 July 2013, Nanning, China
8. Plenary, ICONIP 2012, 25-27 November, Qatar
9. Keynote, EANN 2012, 23-25 September, London
10. Keynote, ANNPR, September 17-19, Trento, Italy
11. Keynote, IEEE IS 2012, 7-9 September, Sofia
12. Invited, WCCI 2012, 10-15 June, Brisbane, Australia
13. Plenary, ICONIP 2011, Shanghai
14. Keynote, EANN 2011, Greece, September 2011.
15. Keynote, CIBB 2011, Italy.
16. Keynote, the Irish AICS (Artificial Intelligence and Cognitive Systems) conference (September 2011), Londonderry.
17. Keynote, ICANNGA (Int. Conf. ANN and GA), Ljubljana, April 2011: Neurogenetic modelling.
18. Keynote, INNS Education Symposium on Neural Networks, Lima, Peru, February, 2011: New Directions for NN.
19. Keynote, First INNS Indian Symp. on New Directions in Neural Networks, December, 2010
20. Keynote, ICANN 2010, Thessaloniki, Evolving spiking neural networks,
21. Keynote, KES 2010, Cardiff, Brain-, Gene- and Quantum Inspired Connectionist Systems for Computational Intelligence and Knowledge Engineering.
22. Keynote, ICSI, Beijing, Peking University, June 2010
23. Keynote, ICDI, Qinghuangdao, China, June 2010
24. 2009, Plenary talk, ICONIP 2009, Bangkok
25. 2009, Keynote Talk, EANN 2009, London, August 2009
26. 2009, Keynote Talk, ICONS 2009, Istanbul, September, 2009
27. 2009, Keynote Talk, ICAIS 2009, Klagenfurt, Austria, September 2009
28. 2009, Invited talk, IJCNN, Atlanta, June, 2009
29. 2009, Invited talk, Dynamic Brain Forum, 1-4 March, Atami, Japan, 2009
30. 2008, Invited talk, INNS NNN'2008 Symposia, Auckland, NZ, 2008
31. 2008, Plenary Talk, Brazilian Congress on NN and AI, October 2008
32. 2008, Plenary Talk, World Computer Congress WCC2008, Milano, 7-10.09.2008
33. 2007, Plenary talk, Automatics and Informatics 2007, Sofia, Bulgaria, October, 2007
34. 2007, Plenary talk, HIS 2007, Germany, September, 2007
35. 2007, Invited talk, Dynamic Brain Forum, Hakuba, Japan, March, 2007
36. 2006, Keynote speech, KES'2006, Bournemouth, UK, October 2006
37. 2006, Invited talk, ICONIP'2006, Hong Kong, October 2006
38. 2006, Keynote speech, Int. Conference 9th Fuzzy Days, Dortmund, Germany, September 2006
39. 2005, Keynote talk, BCS AI 2005, Cambridge, UK, December 2005
40. 2005, Invited talk, BISCSE, UC Berkeley, 3-5, November, 2005
41. 2005, Keynote speech, SOFA Int. conference, Szeged-Arad, Hungary, August 2005
42. 2005, Keynote speech, SAER, Varna, 2005, Bulgaria
43. 2005, Keynote speech, BioInfo, Plovdiv, Bulgaria
44. 2005, Invited talk, ARSO'2005 – Advanced Robotics and their Social Impact, Nagoya, June 2005
45. 2005, Keynote speech, Intern. Symposium on Computational Intelligence, Korea, 1-2 Febr.2005
46. 2004, Keynote speech, Int. Conf. on Hybrid Intelligent Systems, HIS'04, Kitakushu, Japan, December 2004
47. 2004, Keynote speech, ICONIP'2004 – Int. Conf. Neuro Information Processing, Calcutta, 2004
48. 2004, Keynote speech, The Founding meeting for the German chapter of the IEEE Comp. Intell. Society, Keiserslautern.
49. 2004, Open lecture, Bioinformatics: The knowledge engine approach, Techn.Univ. Sofia -Plovdiv, Bulgaria, July 2004
50. 2004, Plenary talk, IEEE Symposium on Intelligent Systems, Varna, Bulgaria, June
51. 2002, Invited talk, ICONIP'2002, November, Singapore
52. 2002, Keynote speech, Int. Conf. on Industrial Applications of Intelligent and Expert Systems, IAE, Cairns, June 2002
53. 2001, Plenary Chair and invited talk, CEC'2001, Seoul, Korea

54. 2000, Invited talk, ICONIP'2000, Taijeon, Korea
55. 2000, Closing Speech, Iizuka'2000, Fukuoka, Japan, 1-4 October 2000.
56. 1999, Invited lecture, Innovation in wastewater treatment, national seminar, Auckland, 30/04/99
57. 1998, Keynote presentation, 3rd On-line World Conference on Soft Computing in Engineering Design and Manufacturing, 21-30 June 1998, World Wide Web
58. 1998, Keynote speech, Neuro-Fuzzy Day, 11 June 1998, University of Twente, The Netherlands
59. 1998, Invited talk, Fuzzy neural networks and speech recognition, International workshop on Future Devices for Human-Computer Interaction, Japanese Ministry for Science and Technology, Beppu, Japan, 16-24 January, 1998
60. 1997, Opening lecture, Connectionist-based systems in the age of technology, ICONIP'97, Dunedin, 24-28 November.
61. 1996, Keynote speech, International Discourse on Fuzzy Logic and the Management of Complexity FLAMOC'96, Sydney University of Technology, 15-18 January (1996),
62. 1996, Invited talk, Int.Conf. on Neural Information Processing ICONIP'96, Hong Kong, 14-18 September, 1996,
63. 1996, Invited talk, Int.Conf.on Fuzzy Systems, Neural Networks and Soft Computing, Iizuka'96, Japan, KIT.
64. 1996, Invited talk, International Panel Conference on Soft and Intelligent Computing, SIC'96, Budapest
65. 1995, Invited talk (with T.Cohen, M.Bailey, P.Mason), Annual Conference of the New Zealand Biotechnology Association, Dunedin, 30 August,
66. 1994, Keynote speech, New Zealand Computer Society, ANNES SIG national seminar, Auckland
67. 1994, Keynote speech, New Zealand Computer Society, ANNES SIG national seminar, University of Otago,
68. 1982, Invited talk, Stack Memory Devices. International conference on Memory Devices '82. Veliko Turnovo, Bulgaria
69. 1982, Invited talk, Utilisation of the semigroup theory for exchange operations in magnetic domain memory. International conference on Memory Devices, Veliko Turnovo, Bulgaria

Tutorials and Workshops presented at International Conferences and published:

1. 2014, Tutorial on spiking neural networks, WCCI/IJCNN, Beijing July
2. 2013, Tutorial on evolving systems, Texas, IJCNN 2013 (with P.Angelov)
3. 2010, Workshop on evolving systems (with P.Angelov and D.Filev), WCCI, Barcelona, July 2010.
4. 2008, Tutorial on evolving systems, CBR Brazilian Symposium on NN, Salvador, Brazil, Oct., 2008
5. 2007, Tutorial on evolving intelligent systems, ICANN 2007, Porto, September 2007
6. 2007, Tutorial on evolving intelligent systems, IJCNN 2007, Orlando, August, 2007
7. 2007, Tutorial on evolving intelligent systems, IEEE Symposia, Hawaii, April 2007
8. 2006, Tutorial on evolving intelligent systems, ICANN, September 2006, Athens
9. 2006, Tutorial on evolving intelligent systems, WCCI 2006, Montreal, August, 2006
10. 2005, Tutorial on evolving connectionist systems, IJCNN'05, Montreal, July 2005
11. 2005, Tutorial on evolving connectionist systems, ICANN'05, Warsaw, Sept. 2005
12. 2004, Tutorial on evolving connectionist systems, ICONIP'04, Calcutta, Nov. 2004
13. 2004, Tutorial on data mining and knowledge discovery in bioinformatics, Int. Joint Conf. on Neural Networks – IJCNN, Budapest, 2004
14. 2003, Adaptive neural networks for data mining and knowledge discovery, Tutorial at the Int. Joint Conf. on Neural Networks (IJCNN'03), July 2003, Portland, Oregon, IEEE and INNS
15. 2003, Knowledge-based Neural Networks for Bioinformatics, University of California at Berkley, BISC Workshop on FLINT-CIBI (USA)
16. 2000, Evolving Connectionist Systems: Methods, Tools, Applications, Tutorial at ICONIP'2000 (Taejeon, Korea)
17. 2000, Evolving connectionist systems, Tutorial, euroComputation conference NC'2000 (Berlin)
18. 1999, Workshop "Future directions for intelligent systems and information sciences", Dunedin, November 1999
19. 1999, Evolving connectionist systems – methods, tools, applications, Tutorial, ICONIP'99, Nov. 1999, Perth
20. 1999, Speech and language recognition, Tutorial Track at IJCNN'99, Washington DC, July 1999
21. 1997, Connectionist-Based Intelligent Information Systems, Tutorial, ICONIP'97, Dunedin, 24-28 November 1997
22. 1997, Hybrid Connectionist-Based Intelligent Information Systems – Methodologies, Tools, Industrial Applications, Tutorial, World Manufacturing Congress, WMC'97, 18 November 1997, Auckland
23. 1997, AI/GIS systems and their applications, Tutorial, The 2nd Annual Conf. on Geo Computation, Dunedin, June 1997
24. 1997, Hybrid Intelligent Information Systems, Tutorial, ICNN'97 (The IEEE International Conference on Neural Networks), Houston, USA, May
25. 1996, Hybrid AI/GIS systems and their applications, Tutorial, Australian Urban and Resource Planning Information Society AURISA'96, Hobart, November 1996
26. 1996, Hybrid (neuro-fuzzy) intelligent information systems: methods, tools, industrial applications, Tutorial at Iizuka'96, (International Conference on fuzzy systems, neural networks and soft computing), Iizuka, Japan, September 1996
27. 1995, Intelligent Hybrid Systems for Problem Solving and Knowledge Acquisition, Workshop at the Second New Zealand International Conference on Artificial Neural Networks and Expert Systems ANNES'95, Dunedin, November 1995
28. 1995, Hybrid (Connectionist, Fuzzy, Symbolic) Environments and Their Applications for Building Complex Decision Making Systems, Tutorial, International Conference on Neural Information Processing (ICONIP'95- Beijing), Beijing, 1995
29. 1995, Fuzzy Data Analysis, Workshop, Eight Colloquium of the Spatial Information Research Centre of the University of Otago, Palmerston North.

30. 1994, Hybrid (Symbolic-, Connectionist-Fuzzy-, Chaotic) Systems, Tutorial, AI'94 – the Joint Australian Conference on Artificial Intelligence, Armidale
31. 1993, The Basics of Fuzzy Systems, Tutorial, ANNES'93 conference, Dunedin, U. Otago
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Signed by Prof. N.Kasabov,

