Talks on science abroad and in Poland, and talks to general audience popularizing science

Many talks are here and the list of papers associated with these talks is here.

1. Microsymposium on Quantum Chemistry
   October 1977, Stary Smokovec, Czechoslovakia
   Contribution: The direct CI from molecular integrals (with J. Karwowski)
   Contribution: Generalization of the Roos scheme.

2. School on diagramatic methods in quantum chemistry
   September 1978, Bachotek, Poland

3. Quantum Chemistry Symposium
   September 1978, Orenas, Sweden
   Contribution: Calculation of the coupling constants in the direct CI method (presented by J. Karwowski)

4. Symposium on Quantum Chemistry
   April 1979, Janowice, Poland
   Contribution: Generalization of the Roos scheme

5. Unitary Group for Calculation of Electronic Energy Orbitals
   September 1979, Bielefeld, Germany
   Contribution: Symmetric group graphical approach to the configuration interaction method (presented by J. Karwowski)

6. X-th Congress of the Polish Chemical Society
   September 1979, Wroclaw, Poland
   Contributions: Calculation of the coupling constants in the direct CI method (with J. Karwowski)
   Generalization of the Roos scheme.

7. XXVI-th Congress of the Polish Physical Society
   September 1979, Torun, Poland
   Contribution: Direct determinanition of eigenvectors and eigenvalues (with J. Karwowski).

8. School of computational methods in theoretical physics
   September 1979, Roznov, Czechoslovakia
   Contribution: Large-scale N-fermion calculations.

9. XI-th Congress of the Polish Chemical Society
   September 1980, Wroclaw, Poland
Contribution: New approach to the CI method

10. Third West Coast Theoretical Chemistry Conference
April 1981, NASA-Ames Center, California
Contributions: Symmetric group graphical approach to the configuration interaction method (talk)
Direct CI program based on symmetric group approach (poster)

11. Fourth West Coast Theoretical Chemistry Conference
April 1982, University of Southern California, Los Angeles.

12. XXIII Congres of Theoretical Chemistry
June 1982, Uppsala, Sweden
Contribution: Jahn-Teller distorted states in cyclopropane (presented by G. Segal).

13. XIV-th Congress of the Polish Chemical Society
September 1983, Katowice, Poland
Contribution: Group-theoretical approaches to the configuration interaction method.

14. Microsymposium on Quantum Chemistry
September 1983, Liblice, Czechoslovakia
Contribution: Group-theoretical approaches to the configuration interaction method
(presented by J. Karwowski).

15. Europhysics Conference on Software Engineering, Methods and Tools
August 1984, Brussels, Belgium.

16. School on advanced methods of quantum chemistry
May 1985, Bachotek, Poland
Contribution: Graphical representation of model spaces.

17. Conference "Microphysical reality and quantum formalism"
October 1985, Urbino, Italy
Contribution: The great Quantum Poll.

18. Quantum Chemistry Microsymposium
October 1986, Garching, W.Germany
Contribution: Living and dying with graphs.

19. XIV Arbeitstagung über Probleme der Quantenchemie,
March 1987, Ostseebad Kühlungsborn, DDR
Contribution: Symmetric Group Approach to CI method.

20. School on advanced methods of quantum chemistry
May 1987, Bachotek, Poland
Contribution: SGGA CI Program
Contribution: Application of GRMS in many-body theories
Contribution: Holism in Physics.

21. First International Conference on the Industrial and Applied Mathematics
June 1987, Paris, France
Contribution: Fixed-slope graphs in physics and mathematics.

22. MPA Garching Lectures Series
August 1987, Garching, W.Germany
Contribution: How deeply can we understand quantum mechanics.

23. World Congress of Organic Theoretical Chemistry (WATOC)
August 1987, Budapest, Hungary
Contribution: Structure of many-particle model spaces, p.94.
24. Open Problems in Physics  
   September 1987, Gdansk, Poland  
   Contribution: Violation of Bell's inequalities in interference experiments.

25. Third International Meeting on Epistemology: The Concept of Probability  
   October 1987, Delphi, Greece  
   Contribution: Schrödinger's thoughts on perfect knowledge.

26. Workshop on Quantum Chemistry  
   June 1988, Girona, Spain  
   Contribution: Application of GRMS in variational and perturbational methods.

27. Workshop on Algebraic Methods in Molecular Physics  
   August 1988, Jerusalem, Israel  
   Contribution: Graphical representation of algebraical problems.

28. Sixth school of advanced methods of quantum chemistry  
   June 1989, Bachotek, Poland  
   Contribution: EPR Paradox and Local Realism  
   Contribution: Open-shell MBPT in the spin eigenfunction basis  
   Contribution: A method for localizing errors in CI programs  
   (with J. Karwowski and G.H.F. Diercksen)  
   Contribution: Large matrix diagonalization (with O. Styp-Rekowski)

29. MPA Molecular Physics Seminars  
   August 1989, Garching, W.Germany  
   Contribution: Superdirect methods in quantum chemistry

30. 30th Sannibel Conference  
   March 1990, Ponce de Leon, Florida  
   Contribution: Two new approaches to CI

31. Super! 1990 supercomputer conference  
   April 1990, Gainesville, Florida

32. Molecular Physics Seminar Series 1992  
   May 1992, Garching, Germany  

33. NATO ASI on Correlation and Relativistic Effects in Atoms and Molecules  
   August 1992, Vancouver, Canada  
   Contribution: Multireference size-extensivity corrections.

34. Quantum Chemistry Symposium 1992  
   September 1992, Katowice, Poland  
   Contribution: What's new in configuration interaction methods (invited talk).

35. Workshop on Coupled Clusters in the Theory of Atoms and Molecules. October 1992, Warsaw, Poland  
   Contribution: Perturbation and variation-perturbation methods for open-shell systems (invited talk).

November 1992, Warsaw, Poland
Contribution: *Modeling neural networks - a physicist's point of view.* (invited talk)


38. Do the computational sciences exist?
   May 1992, Kraków, Cyfronet (invited talk)

39. Computational sciences: what is it?
   December 1992, Cyfronet, Swierk near Warsaw, Poland (this talk was also given twice at UMK, Torun).

40. IX Konferencja „Informatyka w szkole": Metody i Środki Informatyki w Zmieniającej się Szkołe.
   September 1993, Toruń
   Contribution: *Przyszłość komputerów w edukacji* (invited talk)

41. NEURONET’93
   September 1993, Prague, Czech Republic

42. The 26th symposium on mathematical physics,
   December 1993, Torun
   Contribution: *Graph-theoretical Concept of Information*

43. Hity’93, Symposium in quantum chemistry.
   December 1993, Warsaw, Poland

44. Academic Programs in Computational Science and Engineering Education,
   Albuquerque, New Mexico, USA 10-12.02.1994.
   Contribution: *Cerebrations on computational science* (invited)

45. Computer physics school
   Kraków, Poland, February 1994
   Contribution: *Modeling adaptive systems* (invited talk)

46. I Ogólnopolskie Seminarium Interdyscyplinarne: Język i Kultura Japonii.
   Torun, Poland, March 1994

47. Torun Unix Center - Quo vadis?.
   Torun, Poland, March 1994
   Contribution: *Cerebrations on computational science* (invited talk)

48. Open systems and information dynamics.
   Torun, Poland, April 1994
   Contribution: *Information theory and neural networks* (invited talk)

49. First conference on neural networks and applications.
   Kule, Poland, April 1994 (member of the scientific committee).
   Contribution: *Towards Artificial Minds* (invited talk, plenary session chairman, session chairman)
   Contribution: *What can you teach neural networks* (short talk)
   Contribution: *Complex systems, information theory and neural networks* (short talk, with Norbert Jankowski)

50. International symposium on electron correlation in atoms and molecules.
    Smolenice Castle, Slovak Republic, 14.06-18.06.1994
    Contribution: *Superdirect configuration interaction method*
51. Academy of Consciousness.
   Princeton, New Jersey, USA, 24.06-10.07.1994
   Contribution: Artificial minds and the mind/body problem

52. Japanese Neural Networks Society.
   Tsukuba Japan, November 1994
   Contribution: Mind space approach to neurofuzzy systems

53. Parallel Processing Workshop, International Center for Molecular Science,
   Okazaki, Japan, 24-25.11.1994
   Contribution: Towards massively parallel CI algorithms: superdirect method (invited talk, 1 hour)

   (Institute for New Generation of Computer Technology), Tokyo, Japan, Dec. 12-16, 1994

55. COST meeting "Intelligent software for chemistry" (invited), Bad Windsheim, Germany 24-27 Jan 1995

56. TRM meeting "Excited states in atoms and molecules" (invited), Bad Windsheim, Germany 27-31 Jan 1995


58. Language and Technology, Poznan, Poland, 12-13.04.1995 (organized by Univ. of Adam Mickiewicz and European Community DG 13)

59. ESANN'95, 3rd European Symposium on Artificial Neural Networks. Brussels, Belgium, 19-21.04.1995 (member of the scientific committee, session chairman).

60. SMC, System Modelling Control, Zakopane, Poland, 1-5.05.1995
   Contribution: From cognitive models to neurofuzzy systems (session chairman).

61. IV Krajowa Konferencja "Modelowanie Systemów Biologicznych", Kraków, Poland, 2-3.06.1995.
   Contribution: Physics of consciousness.

62. EANN'95, Engineering Applications of Neural Networks. Helsinki, Finland, 21-28.08.1995 (member of the scientific committee, (session chairman).


   Contribution: Psychophysics.


66. I Krajowa Konferencja Użytkowników Matlaba, AGH Kraków, 14-15.11.1995
   (member of the scientific committee).

67. The 28th symposium on mathematical physics,
   5-8 December 1995, Torun
   Contribution: Self-organization and visualization of multidimensional data

69. Open systems and information dynamics. (session chairman) Torun, Poland, 19-22 March 1996 Contribution: Dynamical systems approach to models of mind. (invited talk)

70. Recent Advances in Computational Quantum Chemistry, Munich, 28-31.03.1996 (session chairman) Contribution (invited): Artificial intelligence support for quantum chemistry. (invited talk)


75. International Conference on Neural Information Processing (ICONIP'96), Hong Kong, Sept. 24-27, 1996


80. 5th European Symposium on Artificial Neural Networks (ESANN'97), Bruges, Belgium, 16-18.04.1997 Contribution: Extraction of crisp logical rules using constrained backpropagation
networks (member of the scientific committee, paper with R. Adamczak, K. Grabczewski, Masumi Ishikawa and Hiroki Ueda)

81. International Conference on Neural Networks (ICNN'97), Houston, 9-12.6.1997
   Contribution: Extraction of crisp logical rules using constrained backpropagation networks (with R. Adamczak and K. Grabczewski, invited, special session organizer)

82. Engineering Applications of Neural Networks (EANN'97), 16-18 June 1997, Stockholm
   Contribution: Logical rules for classification of medical data using ontogenic neural algorithm (member of the scientific committee, paper with R. Adamczak and K. Grabczewski)

83. Workshop on Biology as a Source of Inspiration for Technology, 19-20.06.1997, Sigtuna
   Contribution: Neurofuzzy system inspired by a model of mind (invited talk)

84. 4th European Transpersonal Conference, Warsaw 17-22.08.1997
   Contribution: Transpersonal theories of consciousness (invited plenary talk), and discussion panel.


86. Congress of Analytical Philosophy, Munich, 16-18.08.1997
   Contribution: Platonic theory of mind - some philosophical questions (invited talk)

   Contribution: Optimization of structures and parameters of neural networks and global minimization methods, (invited talk, in polish)

88. Neural networks and their applications, Kule, 14-18.10.1997 (member of the scientific committee, chairman of two planary sessions)
   Six contributions: New developments in the Feature Space Mapping model (with R. Adamczak); Initialization of adaptive parameters in density networks (with R. Adamczak and N. Jankowski); Initialization and optimization of multilayered perceptrons (with R. Adamczak and N. Jankowski); Extraction of logical rules from medical datasets (with R. Adamczak and K. Grąbczewski); Scaling properties of neural classifiers; Neural minimal distance methods.

   Contribution (invited): Intelligent recommendation in computational chemistry: how to do it?

90. International Conference on Neural Information Processing (ICONIP'97), Dunedin, New Zealand, November 24-28, 1997 (member of the scientific committee, organizer of special session "From neural networks to logical rules")
   Contribution (invited): Constraint MLP and density estimation for extraction of crisp logical rules from data

91. Fourth International Conference on Neural Networks and their Applications, March 11-12-13, 1998, Marseilles, France.
   Contribution: Rule extraction from linguistic rule Networks and from Fuzzy Neural Networks: Propositional versus Fuzzy Rules (paper with N. Kasabov and R. Kozma, presented by N. Kasabov)
92. The 8th Workshop on Open Systems and Information Dynamics, March 3-5, 1998, Torun, Poland (organizer of a special session "Neural networks and machine learning")
   Contribution: *Initialization of Adaptive Parameters in Neural Networks* (invited talk, also papers with R. Adamczak and K. Grąbczewski)
93. Fizyka u progu trzeciego tysiąclecia, 27-28.02, 1998, Inst. of Physics, Toruń Poland
94. 6th European Symposium on Artificial Neural Networks (ESANN'98), Bruges, Belgium, April 1998
95. 1998 IEEE World Congress on Computational Intelligence, WCCI'98, Anchorage, Alaska, 4-9 May 1998 (organizer of a special session "Machine Learning and Neural Networks")
   Contribution (invited): *Neural minimal distance methods*
96. Engineering Applications of Neural Networks (EANN'97), 10-12 June 1998, Gibraltar
   Contribution: *Medical diagnosis support using neural and machine learning methods* (member of the scientific committee, paper with R. Adamczak, K. Grąbczewski, N. Jankowski N and G. Żal)
   Contributions: *Hybrid neural-global minimization logical rule extraction method for medical diagnosis support* (invited talk, with Adamczak R, Grąbczewski K, Żal G)
   Contribution (invited): *What constitutes a good theory of mind?*
100. Colloquia in Artificial Intelligence (CAI'98), Łódź, Poland, 28-30 Sept. 1998
    Contributions: *A hybrid method for extraction of logical rules from data* (invited, paper with Adamczak R, Grąbczewski K, Żal G) and *A framework for similarity-based methods.* (with Grudziński K)
101. Symulacja w badaniach i rozwoju, Jelenia Góra, Poland, 7-9 Oct. 1998
    Contributions: member of the scientific committee, co-organizer of data mining special session; papers presented:
    Contributions: special session "Selection and optimization of neural architectures", *Statistical methods for construction of neural networks.* (invited talk, with R. Adamczak)
    Contribution: *On neural implementation of psychological spaces.*

---
104. International Conference on Computational Intelligence for Modelling Control and Automation (CIMCA'99), Vienna, February 1999 (member of the scientific committee)
    Contribution: Distance-based Multilayer Perceptrons (with Adamczak R, Diercksen GHF).
105. European Transpersonal Conference, Oslo, 31.04-3.05
Contribution: Consciousness and the transpersonal (invited talk, plenary discussion panel).

106. 4th Polish Neural Network Society Conference, Zakopane, Poland, 18-22.05.1999
(member of the scientific committee)
Contribution: Alternatives to gradient-based neural training and optimization,
Searching for optimal MLP (with K. Grąbczewski),
The weighted k-NN method with selection of features and its neural realization
(with K. Grudziński),
A general purpose separability criterion for classification systems (with K. Grąbczewski)

107. ESM’99, International Conference on Qualitative Information, Fuzzy Techniques,
and Neural Networks in Simulation, Warsaw, 01-04 June 1999 (member of the scientific committee)

108. Komputerowe Systemy Rozpoznawania, KOSYR’99, Trzebieszowice, 24-27.05.1999
Member of the scientific committee

Contribution: Neural networks in non-Euclidean metric spaces (with R. Adamczak),
Optimization of logical rules derived by neural procedures (with Adamczak R, Grąbczewski K, Żal G),
Search and global minimization in similarity-based methods (with K. Grudziński)

110. 7th European Symposium on Artificial Neural Networks, ESANN’99, Brugge, Belgium
Member of the scientific committee

111. Intelligent Information Systems VIII, Ustroń, Poland, 4-18.06.1999
Contribution: Methodology of extraction, optimization and application of logical rules (with Adamczak R, Grąbczewski K, Żal G),
Weighting and selection of features in Similarity Based Methods (with K. Grudziński)

112. Mini Symposium, Molecular Physics Group, Max-Planck Institute for Astrophysics, Garching, 19-20.08.1999
Contribution: Knowledge Discovery in Science and Technology.

113. FAMO, Toruń, September 1999

114. 5th Engineering Applications of Neural Networks EANN’99, Warsaw, 13-15.09.1999 (general chair)
Contribution: Neural methods for analysis of psychometric data (with Adamczak R, Grąbczewski K).


116. IV konferencja Internetu Medycznego, Toruń, 12-13.11.1999 (member of the scientific board)
Contribution: Metody sztucznej inteligencji w zastosowaniu do szukania informacji medycznej w Internecie.

117. International Conference on Neural Information Processing (ICONIP’99), Perth, Western Australia, 16-20.11.1999
Contribution: Neural optimization of linguistic variables and membership functions.
Member of the scientific committee
118. 8th European Symposium on Artificial Neural Networks, ESANN’2000, Brugge, 23-26.04.2000
   Member of the scientific committee, organizer of a special session
119. Integracyjne mechanizmy kory mózgowej, VII Wiosenna Szkoła Neurobiologii Polskiego Towarzystwa Badań Układu Nerwowego (PTBUN), Warszawa 5.05.2000
   Contribution: Consciousness and the dynamic models of the brain. (invited)
120. Sympozjum kognitywne "Subiektywność a świadomość", Obrzycko k. Poznania, 4-6.05.2000
   Contribution: Kognitywna Teoria Świadomości (zaproszony).
121. V Krajowa Konferencja "Modelowanie cybernetyczne systemów biologicznych", Kraków 19-20.05.2000
   Member of the scientific committee.
122. 5th Conference on Neural Networks and Soft Computing, Zakopane 5-10.06.2000
   Contributions: Naud A and Duch W, Interactive data exploration using MDS mapping.
   Grąbczewski K and Duch W, The separability of split value criterion.
   Duch W, How does the brain work? (2 hours, special lecture)
123. Intelligent Information Systems IX, Bystra, Poland, 12-16.06.2000
   Duch W, How does the brain work? (2 hours, special lecture)
124. 4th International Seminar on Statistics and Clinical Practice, 26-20.06.2000, Warsaw.
   Contribution: Naud A, Duch W, Interactive data exploration with MDS.
125. 6th Engineering Applications of Neural Networks, EANN 2000, Kingston upon Thames, 17-19.07.2000
   Committee member
126. International Joint Conference on Neural Networks, IJCNN2000, Como, Italy, 24-27.07.2000
   Contribution: Jankowski N, Duch W, Taxonomy of neural transfer functions.
   Duch W, Adamczak, R, Grąbczewski K, Grudziński K, Jankowski N, Naud A - tutorial on understanding the data.
127. International Symposium on Computational Intelligence, Kosice, Slovakia 30.08-01.09.2000
   Committee member, plenary lecture: Computational intelligence methods and data understanding.
   Contribution: Metody inteligencji obliczeniowej oceniające podobieństwo do wzorców (zaproszony)
   Committee member

130. IEEE International Conference on Industrial Electronics, Control and
   Instrumentation - 21st Century Technologies and Industrial Opportunities, Nagoya
   Congress Center, Nagoya, Japan 22- 28.10.2000
   Technical Program Committee member in the area of Emerging Technologies

131. Medical Informatics and Technologies, Ustroń 8-10.11.2000
   Plenary lecture: Therapeutic implications of computer models of brain activity.
   Committee member

132. International Conference on Neural Information Processing ICONIP’2000, Teojon,
   Korea 13-18.11.2000
   Contributions: Duch W, Adamczak R, Hayashi Y, Eliminators and classifiers
   Duch W, Adamczak R, Diercksen GHF, Feature space mapping neural network
   applied to structure-activity relationship problems..
   Duch W, Adamczak, R, Grąbczewski K, Grudziński K, Jankowski N, Naud A -
   tutorial on understanding the data.

   Contribution: Czas zamknąć Chiński Pokój (zaproszony)

134. 9th European Symposium on Artificial Neural Networks (ESANN), Brugge,
   Belgium, 25-27.04.2001
   Contribution: 3 papers, special session, scientific committee member

135. Il Krajowa Konferencja "Technologia informacyjna w zmieniającej się
   edukacji", 14 - 16 maja 2001 - Toruń,
   Contribution: Zastosowania kognitywistyki (plenary talk).

   Contribution: member of the program committee, + paper: Rules for melanoma
   skin cancer diagnosis (paper with K. Grabczewski, R. Adamczak, K. Grudzinski, Z.
   Hippe).

137. The Tenth International Symposium on Intelligent Information Systems, Zakopane
   18-22.06.2001, .
   Contributon: Ensembles of Similarity-Based Models (with K. Grudziński).

138. 5th Congress of Societas Humboldtiana Polonorum, "Information Society",
   Wrocław 23-24.06.2001,
   Contribution: Future of the information society and information technology (invited).

139. International Conference on Computational Intelligence for Modelling, Control and
   Contributions: member of the Scientific Committee

140. International Conference on Intelligent Agents, Web Technologies and Internet
   Commerce - IAWTIC’2001, 9-11.07.2001, Las Vegas, USA
   Contributions: member of the Scientific Committee

141. International Joint Conference on Neural Networks (IJCNN), 14-19.07.2001,
   Washington D.C.
   Contributions: tutorial "Extraction of knowledge from data using computational
   intelligence methods", (2 h) + paper: Prototype based rules - new way to
   understanding the data.
142. 7th International Conference on Engineering Applications of Neural Networks (EANN), Cagliari, Italy, 16-18 July 2001. 
Contribution: member of the Organizing Committee

143. Towards a better understanding of genomic data: computational approaches. 
Children's Hospital Research Foundation, Cincinnati, Ohio, 23.07.2001 
Contribution: Understanding medical data (invited talk).

144. International Conference on Artificial Neural Networks (ICANN), Vienna, 21-25.08.2001 
Contribution: tutorial (2h), "Extraction of Knowledge from Data using 
Computational Intelligence Methods", + member of the scientific committee

145. 5 congress of the Polish Neuroscience Society, 6-9.09.2001, 
Contribution: Creation of topographical maps and modeling of brain plasticity 
(invited talk).

146. Polskie Towarzystwo Fizyczne, Toruń, 17-20.10.2001, 
Contribution: Fizyka umysłu (invited, plenary talk).

147. Int. workshop on complex systems in natural and social sciences (CSNSS'01), 
Torun, Poland, 18-21.10.2001 
No contributions.

148. Medical Information Technologies, Ustroń, 8-10.11.2001 
Contribution: member of the Scientific Committee

149. International Conference on Neural Information Processing (ICONIP), Shanghai, 
14-18.11.2001 
Contribution: member of the Scientific Committee, + paper: Meta-learning: 
searching in the model space (with K. Grudziński)

Contribution: Przyszłość technologii informacyjnych i przyszłość książki 
(plenary talk).

Neural networks as an aid in medical diagnostics, talk + running workshop.

152. April 22-26, 2002, Mexican International Conference on Artificial Intelligence (MICA'I2002), Yucatan, Mexico, member of the program committee.

153. April 24-26.04.2002, 11th European Symposium on Artificial Neural Networks (ESANN), Brugge, Belgium 
Contribution: scientific committee member

154. May 12-17, 2002, World Congress of Computational Intelligence, Honolulu, 
member of the International Joint Conference on Neural Information Processing (IJCNN) program committee. 
Contribution: tutorial "Computational intelligence for data mining", and paper 
"Heterogeneous adaptive systems".

155. June 3-5, 2002, European Simulation Multiconference organised by The Society for Computer Simulation International, Darmstadt, member of the program committee.

156. June 3-6, 11th International Symposium on Intelligent Information Systems, Sopot, Poland. 
Contribution: Meta-learning (with K. Grudziński).
157. June 5-7, **BIT'2002 - BioInformatyka Toruń, workshop**
    Organizer (with W. Nowak)
    Contribution: panel discussion
159. **June 11-15, 2002, ICNNSC’2002, Sixth International Conference on Neural Networks and Soft Computing, Zakopane, Poland**
    General co-chair, plenary talk + 6 papers
    Contribution: short talk
    Contribution: invited plenary talk
162. July 8-12, Neural networks in supervised classification and regression school, Porto, Portugal
    Contribution: lecturer
163. August 27-31, ICANN, Universidad Autónoma de Madrid, member of the program committee.
    Contribution: paper on tree forests
164. September 16-17, Polskie Towarzystwo Kognitywistyczne
    Member of the committee
165. September 18-21, Z technologią informacyjną przez wszystkie lata w szkole.
    Member of the committee
    By invitation only, talk: Attractor neural networks and concept formation in psychological spaces.
167. **November 18-22, International Conference on Neural Information Processing (ICONIP), Singapore.**
    Contribution: member of the program committee, talk, 2 plenary panel discussions.
    Contribution: member of scientific committee.

169. 2003.02.12-14, International Conference on Computational Intelligence for Modelling, Control and Automation (CIMCA 2003), Vienna, Austria
    Contribution: member of the program committee
170. 2003.03.26-28, Signals, Systems, Decision & Information Technology (SSD’2003), Sousse, Tunisia
    Contribution: member of the program committee
    Contribution: member of the program committee
172. 2003.05.26-29, 4th Computer Pattern Recognition Systems (Komputerowe Systemy Rozpoznawania, KOSYR 2003), Milkow, Poland
    Contribution: member of the program committee
173. 2003.05.11-12, II Polish Cognitive Science Society Assembly (II Zjazd Polskiego Towarzystwa Kognitywistycznego), Torun, Poland. Contribution: member of the program committee, short talk and panel discussion via teleconference media.

174. 2003.06.2-5, New Trends in Information Processing and Web Mining, Warsaw, Poland. Contribution: member of the program committee

175. 2003.06.11-13, V National conference on Knowledge Engineering and Expert Systems, Wroclaw, Poland. Contribution: member of the program committee

176. 2003.06.23-27, Joint International Conference on Artificial Neural Networks (ICANN) and International Conference on Neural Information Processing (ICONIP), Istanbul, Turkey. Contribution: member of the program committee, 3-hour tutorial "Computational intelligence tools for data understanding" + statistical data analysis track chair + co-author of 5 papers

177. 2003.07.02-04, The Twelvfth Turkish Symposium on Artificial Intelligence and Neural Networks (TAINN 2003), Çanakkale Onsekiz Mart University, Çanakkale. Contribution: International Program Committee member.

178. 2003.07.14-17, International Joint Conference on Neural Networks (IJCNN 2003), Portland, Oregon, USA Contribution: member of the Board of Governors; one paper.

179. 2003.09.8-10, 8th International Conference on Engineering Applications of Neural Networks (EANN), Malaga, Spain. Contributions: member of the Organizing Committee


186. 2004.02.11-13: International Conference on Computational Intelligence (ICCI '2004), Canakkale Onsekiz Mart University, in Canakkale, Turkey, committee member.

187. 2004.04.28-30, 13th European Symposium on Artificial Neural Networks (ESANN'04), Brugge, Belgium, committee member.
188. 2004.05.15-16, Lublin, Forum Filozoficzne, invited talk "Swiadomosc tworów sztucznych: odwrócony argument" ("Consciousness in artificial systems: reversed argument").
189. 2004.05.17-20, New Trends in Intelligent Information Processing and Web Mining (IIPWM'04), Zakopane, Poland, committee member.
191. 2004.06.07-11, The 7th International Conference on Artificial Intelligence and Soft Computing (ICAISC), Zakopane, Poland, June 7-11, 2004, general co-chair, plenary talk.
193. 2004.07.25-28: International Joint Conference on Neural Networks (IJCNN 2004), and International Conference on Artificial Neural Networks (ICANN), Budapest, Hungary.
194. 2004.08.19-21: International Symposium Neural Networks (ISNN 2004), Dalian, China, member of the program committee.
196. 2004.10.11-13, "Informacja - Reprezentacja - System Poznawczy", III Zjazd Polskiego Towarzystwa Kognitywistycznego. Plenary Talk: 3 Projects that will change the world.
197. 2004.11.22-25: International Conference on Neural Information Processing (ICONIP 2004), Calcutta, Chair of "Time series prediction and data analysis" track; one paper.

200. 2005.03.27-31, SETIT 2005, International Conference: Sciences of Electronic Technologies Of Information and Telecommunications, Tunisia; member of the Program Committee.
201. 2005.03.28, CyberGames2005 workshop, NTU, Singapore; member of the Program Committee.
204. 2005.04.27-29, 13th European Symposium on Artificial Neural Networks (ESANN'05), Brugge, Belgium, committee member.
205. 2005.05.13-16, Bachotek workshops on NLP, information selection and metaleanring, general chair.
206. 2005.05.22-25, CORES, 4th Int Conf on Computer Recognition Systems, Rydzyna Castle, member of the Program Committee.
207. 2005.05.23-25, IV Krajowa Konferencja Kognitywistyczna, "Znak, znaczenie, kontekst w badaniach kognitywistycznych", Toruń; member of the Program
Committee, dyskusja panelowa "Naturalizowanie świadomości".

208. 2005.05.25, Sztuka – Mózg – Emocje, Toruń; member of the Program Committee, referat zaproszony "Neuroestetyka".

209. 2005.05.30-1, International Symposium on Neural Networks, Chongqing, China; member of the Program Committee.


211. 2005.07.1-10, 4th conference on information and management sciences, Kunming, China 1-10.07.05, plenary talk, member of the committee.

212. 2005.08.31-3, REI'05, 9th International Conference on Research in Electrotechnology and Applied Informatics. Member of the program committee.

213. 2005.09.03, EU COST Action B27 Group, Electric neuronal oscillations and cognition (ENOC), Istanbul meeting, report on activities in Poland.

214. 2005.09.11-14, International Conference on Artificial Neural Networks (ICANN'05), Warsaw, Poland, general co-chair (with Janusz Kacprzyk) + two presentations.

215. 2005.09.15, workshop "Building Brains" organized in Torun (with John Taylor), talks: Large-scale projects to build artificial brains: review; and Large-scale projects to build artificial brains: ABACCUS.

216. 2005.09.14-17: International Conference on Informatics in Control, Automation and Robotics (ICINCO), Barcelona; member of the Program Committee.


219. 2005.11.23-25, International Conference on Cyberworlds, Nanyang Executive Centre, Singapore; member of the Program Committee.

220. 2005.11.28-30, International Conference on Computational Intelligence for Modelling Control and Automation (CIMCA'05), Vienna, (member of the international program committee).

221. 2005.12.5-9, XXI Autumn Meeting of Polish Information Processing Society (21 Jesienne Spotkania Polskiego Towarzystwa Informatycznego), member of the Program Committee.


223. 2006.04.26-28, 14th European Symposium on Artificial Neural Networks (ESANN'06), Bruges, Belgium, committee member.

224. 2006.05.12-13, EU COST Action B27 Group, Electric neuronal oscillations and cognition (ENOC), Skopie meeting, report on activities in Poland.

225. 2006.05.29-31, Third International Symposium on Neural Networks, Chengdu, Sichuan, China (member of the international program committee).

226. 2006.06.7-9, CIS-RAM 2006, IEEE Cybernetics and Intelligent Systems Conference, Bangkok, Thailand, member of the International Program Committee.
227. 2006.06.16-18, VI Krajowa Konf. Inżynieria wiedzy i systemy ekspertowe", Wrocław, Member of the Program Committee.
228. 2006.06.6-8, Neurocognitive days, member of the organizing committee, 2 plenaries (Neurocognitive science, A machine that creates).
229. 2006.06.19-22, 24 Konf Pliopptymalizacja i Komputerowe Wspomaganie Projektowania, Sabrinowo, Poland (2 plenaries).
230. 2006.06.19-22, Intelligent Information Processing and Web Mining (IIPWM) 2006, Ustron, Poland (member of the scientific committee).
231. 2006.06.25-29, The 8th International Conference on Artificial Intelligence and Soft Computing, Zakopane, Poland (member of the scientific committee).
233. 2006.07.1-5, The Fifth International Conference on Information and Management Sciences, Chengdu, China (member of the international program committee). 
234. 2006.07.16-21 World Congress on Computational Intelligence (WCCI/IJCNN), Sheraton Vancouver; technical co-chair; special session and discussion panel "How to reach human level intelligence".
236. 2006.09.10-14, International Conference on Artificial Neural Networks (ICANN'06), Athens, Greece, program co-chair (with Erkki Oja).
237. 2006.10.03-06, International Conference on Neural Information Processing, ICONIP2006, Hong Kong, publicity co-chair, plenary talk.
238. 2006.10.9-11, 10th International Conference on Knowledge-Based & Intelligent Information & Engineering Systems (KES2006), Bournemouth International Conference Centre, UK (member of the international program committee).
239. 2006.10.10-14, Brain Inspired Cognitive Systems Island of Lesvos, Greece (member of the scientific committee).
240. 2006.11.06-10, Symposium on Artificial Intelligence and Applications (AIA'06) Wisla, Poland, Program Committee Member.
241. 2006.11.16-18, Embodied and situated cognition: From phenomenology to neuroscience and artificial intelligence. Nicolaus Copernicus University, Torun, Poland; organizing committee member.
242. 2006.11.21-24, First International Conference on Neural Networks and Associative Memories (NNAM 2006), Mexico City, Program Committee Member.
243. 2006.12.5-8, 9th Int. Conf. on Control, Automation, Robotics and Vision ICARCV 2006, Grand Hyatt, Singapore.
244. 2006.12.11-14, The International Conference in Biomedical and Pharmaceutical Engineering 2006 (ICBPE 2006), Orchard Hotel, Singapore; PC member.

247. 2007.02.24-24, Neuroestetyka, Poznan, ref. "Neuroestetyka".
248. 2007.03.14-15, Brain days, KUL, Czy jesteśmy automatami? Wolna wola, podmiotowość i mózg (ref+dyskusja).
249. 2007.03.25-29, 4th Int. Conf. Sciences of Electronic, Technologies of Information and Telecommunications (SETIT2007), Hammamet, Tunisia.
250. 2007.03.25-28, EU COST Action B27 Group, Electric neuronal oscillations and cognition (ENOC), Florence meeting Neuroscience today.
251. 2007.04.01-05: IEEE Symposium Series on Computational Intelligence, Honolulu, Hilton Hawaiian Village, CI in DataMining Symposium co-chair (with Joydeep Gosh, Univ. Texas at Austin).
252. 2006.04.25-27: 15th European Symposium on Artificial Neural Networks (ESANN'07), Bruges, Belgium, committee member.
253. 2007.06.03-07: International Symposium on Neural Networks, Nanjing; steering committee.
255. 2007.07.01-06: 6th Int Conf on Information and Management Sciences, Lhasa, Tibet, plenary talk, committee member.
256. 2007.08.17-20, International Joint Conference on Neural Networks (IJCNN'07), Renaissance Orlando Resort in Orlando, Florida; International Chair.
257. 2007.09.09-13, International Conference on Artificial Neural Networks (ICANN'07), Porto, Portugal, program co-chair.
258. 2007.09.24-26, Self, Intersubjectivity and Social Neuroscience: From Mind and Action to Society, Torun, Poland, committee member, invited talk "Are we automata?"
259. 2007.10.15-17: Symposium on Advances in Artificial Intelligence and Applications (AAIA'07, a part of International Multiconference on Computer Science and Information Technology), XXIII Fall Meeting of Polish Information Processing Society, Wisła, Poland, Program Committee Member.
262. 2007.11.23-24: Fizyka a umysł, UAM Poznań, plenary "Od neurodynamiki do geometrii umysłu".
265. 2007.12.18-16: 6th WSEAS Int. Conf. on Computational intelligence, Man-machine Systems and Cybernetics (CIMMACS '07), Tenerife, Canary Islands, Spain, keynote talk: Learning data structures with inherent complex logic.
266. 2008.01.22-25: Neuropsychologia i Kognitywistyka w Medycynie, Bydgoszcz, CM UMK, plenary talk "Creativity, Neuroscience and Neurocognitive Informatics".
267. 2008.01.22-25: 10th Neuroinformatics conference, Moscow, Russia, plenary talk: Meta-Learning and learning in highly non-separable cases.
268. 2008.03.01-03: Artificial General Intelligence, Memphis, TN, member of the scientific committee; talk on Cognitive architectures, panel discussion.
272. 2008.04.23-25: 16th European Symposium on Artificial Neural Networks (ESANN'08), Bruges, Belgium, committee member.
273. 2008.04.28-29: Neuromath, Dornburg Castle, Jena, Germany, talk "Fuzzy symbolic dynamics".
274. 2008.05.15-17: Argumentation as a cognitive process, Torun, invited talk.
275. 2008.06.01-06: IEEE World Congress on Computational Intelligence (WCCI 2008), HK, tutorial-cochair.
276. 2008.06.07-08: International Workshop on Advanced Computational Intelligence 2008 (IWACI 2008), Makao, PC Committee Member, invited speaker.
278. 2008.06.16-18: New Trends in Intelligent Information Processing and Web Mining, Zakopane, Poland; member of the scientific committee.
279. 2008.06.22-26: International Conference on Artificial Intelligence and Soft Computing, ICAISC 2008, Zakopane, co-chair, plenary talk "How to learn highly non-separable data".
283. 2008.09.03-06: International Conference on Artificial Neural Networks (ICANN'08), Prague, as ENNS President.
286. 2008.09.25-26: Neuroscience Meets Theoretical Physics, Krakow, Jagiellonian University.
287. 2008.10.06-09: Enactivism: A new paradigm? From neurophenomenology and social/evolutionary robotics to distributed cognition. Torun, Poland, PC Member, plenary "Is embodiment necessary for natural language understanding?".
288. 2008.10.12-14: Ethics and Science for Environment, Societas Humboldtiana Polonorum Forum; invited talk "Free will and the brain. Are we Automata".
289. 2008.10.26-30: 19th Brazilian Symposium on Artificial Intelligence, Salvador, Bahia, Brazil.

295. 2009.03.06-09: The Second Conference on Artificial General Intelligence (AGI-09.org), Arlington, Virginia, USA
296. 2009.03.12-14: Neuromath, Leuven, Belgia.
297. 2009.03.12-14: Studencki Festiwal Informatyczny, Kraków, Poland, invited plenary "Informatyka Neurokognitywna".
298. 2009.03.13-15: III Krakowska Konferencja Kognitionwistyczna: Język odnaleziony, Kraków, Poland, invited plenary "Język: jak robią to mózgi?"
299. 2009.04.23-25: 16th European Symposium on Artificial Neural Networks (ESANN'09), Bruges, Belgium, committee member.
300. 2009.05.21-23: Bioinformatics in Torun, BIT 2009, coorganizer, talk "Autism, ion channels and computer simulations".
301. 2009.06.04-05: Coma and Consciousness Clinical, Societal and Ethical Implications. Berlin, COST/COMA meeting; two abstracts: Autism; Auditory Agnosia.
302. 2009.06.14-19: International Joint Conference on Neural Networks (IJCNN'09), 14-19 June 2009 in Atlanta, Georgia, PC Member.
307. 2009.09.14-17: 19th International Conference on Artificial Neural Networks (ICANN'09), Cyprus.
308. 2009.09.16-17: COST IntelliCIS Action IC0806, Cyprus.
309. 2009.10.01-02: INEB Porto, Portugal, External Advisory Committee.
310. 2009.10.12-14: 4th International Symposium Advances in Artificial Intelligence and Applications (AAIA'09) Mragowo, Poland.
311. 2009.10.26-29: CRYSTAL workshop, Centre of Research for Computational Sciences & Informatics in Biology, Bioindustry, Environment, Agriculture & Healthcare (CRYSTAL), University of Malaya, keynote talk and tutorial (4h).
314. 2009.12.01-05: 16th International Conference on Neural Information Processing (ICONIP'09), Bangkok, Thailand.
315. 2009.12.04-07: The International Conference of Soft Computing and Pattern Recognition (SoCPaR 2009), Malacca, Malaysia, PC member.

316. 2010.01.14-15: Open Access conference, Toruń, Poland; program committee, invited talk "Otwarta nauka".
318. 2010.01.29-29: Second EUCogII Members Conference.
319. 2010.01.22-24: 2nd International Conference on Agents and Artificial Intelligence (ICAART), Valencia, Spain, member of the scientific committee.
321. 2010.03.05-08: Artificial General Intelligence, Lugano, member of the scientific committee.
322. 2010.03.17-17: Pracownia Pytań Granicznych, Poznań, Czy jesteśmy automatami? Wolna wola, podmiotowość i mózg.
324. 2010.03.27-28: Neurodynamic insight into functional connectivity, cognition and consciousness, 2nd Joint Workshop of the NeuroMath COST Action BM0601 and Consciousness COST Action BM0605 Dubrovnik, Croatia
326. 2010.04.28-30: 17th European Symposium on Artificial Neural Networks (ESANN'10), Bruges, Belgium, member of the scientific committee.
327. 2010.05.12-14: The Third International Conference E-Medical, Systems (E-medisys 2010), Fes, Marocco, member of the scientific committee.
328. 2010.05.13-15: Argumentation as a cognitive process, UMK Toruń, co-organizer, plenary talk "Neurodynamics of concepts".
329. 2010.05.27-28: IX Międzynarodowa Konf. Technologie Edukacyjne: Tradycja, Współczesność, Przewidywana Przyszłość, UMK Toruń
330. 2010.05.27-28: CHIST-ERA Conference, Rome, talk "Consciousness and Creativity in Brain-Inspired Cognitive Architectures".
331. 2010.06.10-12: Bioinformatics in Torun, BIT 2010, co-organizer, talk "Meta-Learning: the future of data mining".
332. 2010.06.27-30: Welt ohne Grenzen, SHP Congress, Toruń, plenary talk "The apparent lack of free will and its social consequences", member of the organizational committee.
336. 2010.06.28-30: **7th International Conference on Rough Sets and Current Trends in Computing (RSCTC 2010)**, University of Warsaw (paper presented by T. Maszczyk)
337. 2010.06.29-30: Bison review meeting, Konstanz (remote only).
338. 2010.07.05: Brain Science Institute, RIKEN, Wako-shi, Saitama, Japan (invited talk)
339. 2010.07.06: Brain Science Institute, Tamagawa University, Machida, Japan (invited talk)
340. 2010.07.07: Hirose Lab, University of Tokyo, Japan (invited talk)
341. 2010.07.14: Hitachi Advanced Research Laboratory, Saitama, Japan (invited talk)
342. 2010.07.12-15: The 2010 International Conference on Artificial Intelligence (ICAI'10), Las Vegas, Nevada, USA, member of the scientific committee.
343. 2010.07.18-23: **IEEE World Congress on Computational Intelligence** (WCCI 2010), Barcelona; tutorial (with Norbert Jankowski).
344. 2010.08.10-12: 7th International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'10) Yantai, China, member of the scientific committee.
346. 2010.09.09-11: **Konceptualizacja, Aspekty kognitywne**, semiotyczne i metafizyczne, UJ Kraków, ref. plenarny "Jak reprezentowane są pojęcia w mózgu i co z tego wynika".
347. 2010.09.15-18: **20th International Conference on Artificial Neural Networks** (ICANN’10), Thessaloniki, Greece, general co-chair.
348. 2010.09.15-18: First Consciousness Versus Attention Workshop, committe member (during ICANN 2010)
350. 2010.10.08-09: **Third EUCogII Members Conference**, Palma de Mallorca.
351. 2010.10.18-20: International Multiconference on Computer Science and Information Technology, Wisla, Poland, member of the scientific committee.
353. 2010.11.16-17: **Nauki przyrodnicze a nowy ateizm**, KUL, Lublin, Poland, invited talk "Neuronauki i natura ludzka" (**nagranie wystąpienia**).
354. 2010.11.22-25: **17th International Conference on Neural Information Processing** (ICONIP’2010), Sydney, Australia (advisory board member).
358. 2010.12.29: Research Center for Brain Science, Fudan University, Shanghai, China (invited talk)
359. 2010.12.30: Jiao Tong University, Shanghai, China (invited talk)
362. 2011.03.17-17: Debata Umysł w mózgu, mózg w umyśle, Centrum Nauki Kopernik, Warszawa;
366. 2011.04.27-29: 18th European Symposium on Artificial Neural Networks (ESANN’11), Bruges, Belgium, committee member.
367. 2011.05.22-24: Neuroculture, Torun, Poland
368. 2011.05.25-26: Tribute to Francisco Varela, Torun, Poland.
370. 2011.06.01-01: Akademia Dzieci, Dzień Młodego Naukowca, Gdańsk, Poland, ref. "Robotyka kognitywna"
371. 2011.06.02-04: Bioinformatics in Torun, BIT 2011, co-organizer.
372. 2011.06.03-05: Fluorishing Brain - Gdańsk invited.
374. 2011.06.14-17: 21th International Conference on Artificial Neural Networks (ICANN’11), Helsinki, Finland, program co-chair, panel "Biological inspiration versus methodological rigor in modeling cognitive systems".
375. 2011.06.22-24: Zlot filozoficzny, Torun, Poland (via Skype), Co i skąd o sobie wiemy? W poszukiwaniu podmiotu poznającego.
376. 2011.06.28-30: 19th International Symposium on Methodologies for Intelligent Systems (ISMIS 2011), Warsaw, Poland (PC member, not attending).
377. 2011.07.31-05: International Joint Conference on Neural Networks (IJCNN2011), Doubletree Hotel in San Jose, California.
378. 2011.08.03-06: The 4th Conference on Artificial General Intelligence, Mountain View, Google Campus, CA, USA, PC Member
379. 2011.08.06-11: 10th Int Conf on Information and Management Sciences, IMS 2011, China.
381. 2011.09.29-30: Models of Physiology and Disease Symposium, Center for Life Sciences, NUS, Singapore - From autism to ADHD: comprehensive theory based on computational simulations.
382. 2011.10.17-19: COST BM605, final COMA meeting, Brussels.
384. 2011.11.14-17: 18th International Conference on Neural Information Processing (ICONIP'2011), Shanghai, China (advisory board member).
386. 2011.12.02-03: Człowiek, istota wirtualna, Wrocław.
387. 2011.12.16-16: Symposium of the Polish Chapter of the International Neuroinformatics Coordination Center (ICNF), Ins. Nenckiego, Warszawa -
"Fenomika neuropsychiatryczna".

388. 2011.12.17-19: PhD defence (oponent) in Lulea, Sweden,

390. 2012.02.13-13: Dzieci i młodzież wybitnie uzdolniona, Klub dyskusyjny, U Damroki, g. 18:00
391. 2012.02.18-18: How to reach full human potential (Youtube video), TEDx, Poznań, Poland
393. 2012.03.10-10: SENTIALNET
394. 2012.04.09-11: Univ. of Lausanne, Switzerland, Meta-learning talk.
398. 2012.04.26-27: Granice Nauki, Wrocław (plakat PDF); ref: Granice poznania: co i skąd możemy o sobie wiedzieć?
399. 2012.04.25-27: 20th European Symposium on Artificial Neural Networks (ESANN'12), Bruges, Belgium, committee member.
400. 2012.04.29-03: 11th International Conference Artificial Intelligence and Soft Computing, Zakopane, Poland.
401. 2012.06.10-15: World Congress on Computational Intelligence (WCCI 2012), Brisbane, Australia | our saccade analysis competition.
402. 2012.07.07-13: Interdisciplinary Graduate Summer School, New York University Abu Dhabi, United Arab Emirates,
403. 2012.09.11-14: 22th International Conference on Artificial Neural Networks (ICANN 2012), Lausanne, Switzerland, program co-chair.
405. 2012.11.12-15: 19th International Conference on Neural Information Processing (ICONIP'2012), Doha, Qatar (advisory board member).

407. 2013.04.10-14: Third EUCogII Members Conference, Palma de Mallorca.
408. 2013.04.15-19: IEEE Symposium Series on Computational Intelligence (SSCI 2013), Grand Copthorne Waterfront Hotel, Singapore; co-organizer (with Jacek Mandziuk) of 2013 IEEE Symposium on Computational Intelligence for Human-like Intelligence.
        SSCI keynote speech: Computational intelligence: what can we learn from the brain?
        Regular talk: BrainGene: computational creativity algorithm that invents novel name.
2013.04.24-26: **21th European Symposium on Artificial Neural Networks (ESANN’12)**, Bruges, Belgium, committee member.

2013.05.09-09: **Debata „Neuron i dusza. Od fizyki mózgu do metafizyki umysłu”**. **Centrum Myśli Jana Pawła II**, Warszawa.

2013.05.11-11: **SINTELNET - Beliefs, Belief Systems and Cognitive Presuppositions. The Graduate School for Social Research at the Institute of Philosophy and Sociology of the Polish Academy of Science, Warsaw.**

2013.05.25-26: **Neuromania**, I Konferencja Studentów Toruńskiej Kognitywistyki; referat "Memy w mózgach".

2013.05.27-29: **CORES 2013**, The 8 International Conference on Computer Recognition Systems, Wrocław, Poland, plenary talk on **meta-learning**.

2013.06.09-13: **12th International Conference Artificial Intelligence and Soft Computing**, Zakopane, Poland (program co-chair).

2013.06.10-10: **Tomasz Schreiber's Memorial Session**, improvisations on Bach’s themes (http://tv.umk.pl).

2013.06.20-21: **Neurohistoria sztuki**, Center for Contemporary Art, Toruń.

2013.06.22-22: **Piknik Naukowy**, Jordanowo, Bydgoszcz; Referat: **Jak w pełni rozwinąć potencjał człowieka**?

2013.06.24-25: **Homo communicativus**, Ogólnopolska Interdyscyplinarna Konferencja Naukowa "Homo communicativus. Współczesne oblicza komunikacji i informacji", Toruń, Collegium Humanisticum; **nagranie w TV UMK**.

2013.07.02-05: **World Conference on Computers in Education (WCCE)**: learning while we are connected. Toruń, Poland.


2013.09.10-13: 23th **BRICS Countries Congress on Computational Intelligence** and the 11th Brazilian Congress on Computational Intelligence (CBIC 2013), Recife, Brasil, IPC member.

2013.09.10-13: 23th **International Conference on Artificial Neural Networks (ICANN 2013)**, Sophia, Bulgaria, program co-chair.

2013.09.15-17: Symposium on Emergent Trends in Artificial Intelligence & Robotics, Košice, Slovakia; Advisory Board member.

2013.10.19-21, **Sixth International Conference on Advanced Computational Intelligence** (ICACI2013), Hangzhou, China. Plenary talk: Meta-Learning: Towards Universal Learning Paradigms.

2013.11.03-07, **ICONIP 2013**, Daegu, Korea; invited talk: Autism and ADHD - two ends of the same spectrum?

2013.11.07-10, **Trends in interdisciplinary studies**, Center for Contemporary Art, Toruń.

2013.04.24-26: **21th European Symposium on Artificial Neural Networks (ESANN’12)**, Bruges, Belgium, committee member.

2013.05.09-09: **Debata „Neuron i dusza. Od fizyki mózgu do metafizyki umysłu”**. **Centrum Myśli Jana Pawła II**, Warszawa.

2013.05.11-11: **SINTELNET - Beliefs, Belief Systems and Cognitive Presuppositions. The Graduate School for Social Research at the Institute of Philosophy and Sociology of the Polish Academy of Science, Warsaw.**

2013.05.25-26: **Neuromania**, I Konferencja Studentów Toruńskiej Kognitywistyki; referat "Memy w mózgach".

2013.05.27-29: **CORES 2013**, The 8 International Conference on Computer Recognition Systems, Wrocław, Poland, plenary talk on **meta-learning**.

2013.06.09-13: **12th International Conference Artificial Intelligence and Soft Computing**, Zakopane, Poland (program co-chair).

2013.06.10-10: **Tomasz Schreiber's Memorial Session**, improvisations on Bach’s themes (http://tv.umk.pl).

2013.06.20-21: **Neurohistoria sztuki**, Center for Contemporary Art, Toruń.

2013.06.22-22: **Piknik Naukowy**, Jordanowo, Bydgoszcz; Referat: **Jak w pełni rozwinąć potencjał człowieka**?

2013.06.24-25: **Homo communicativus**, Ogólnopolska Interdyscyplinarna Konferencja Naukowa "Homo communicativus. Współczesne oblicza komunikacji i informacji", Toruń, Collegium Humanisticum; **nagranie w TV UMK**.

2013.07.02-05: **World Conference on Computers in Education (WCCE)**: learning while we are connected. Toruń, Poland.


2013.09.10-13: 23th **BRICS Countries Congress on Computational Intelligence** and the 11th Brazilian Congress on Computational Intelligence (CBIC 2013), Recife, Brasil, IPC member.

2013.09.10-13: 23th **International Conference on Artificial Neural Networks (ICANN 2013)**, Sophia, Bulgaria, program co-chair.

2013.09.15-17: Symposium on Emergent Trends in Artificial Intelligence & Robotics, Košice, Slovakia; Advisory Board member.

2013.10.19-21, **Sixth International Conference on Advanced Computational Intelligence** (ICACI2013), Hangzhou, China. Plenary talk: Meta-Learning: Towards Universal Learning Paradigms.

2013.11.03-07, **ICONIP 2013**, Daegu, Korea; invited talk: Autism and ADHD - two ends of the same spectrum?

2013.11.07-10, **Trends in interdisciplinary studies**, Center for Contemporary Art, Toruń.


429. 2014.02.28-28: Nadmiar magii, brak rozumu, wykład otwarty w Szkole Wyższej Psychologii Społecznej w Warszawie w ramach projektu “Horyzonty Poznania”.
430. 2014.03.01-02: Mózg-Umysł-Religia, Aula Collegium Novum, UJ, Kraków, referat: Dlaczego wierzymy w teorie spiskowe?
431. 2014.03.19-20: EUCog3, Bochum. Withdrawn ...
432. 2014.03.26-27: Creativity and ICT, Luxemburg. Withdrawn ...
434. 2014.04.26, g.18:00, O mózgu - najważniejszym narzędziu człowieka. Z prof. Aleksandrem Araszkiewiczem i prof Agatą Szulc, Dwór Artusa, w ramach Toruńskiego Festiwalu Nauki i Sztuki 2014.
436. 2014.05.15-17: 13th International Conference on Artificial Intelligence, Knowledge Engineering and Data bases (AIKED ’14), Gdansk, Poland, Scientific Commitee Member.
437. 2014.06.01-05: ICAISC, 13th International Conference Artificial Intelligence and Soft Computing, Zakopane, Poland (program co-chair).
438. 2014.06.05-07: UKN Kielce
439. 2014.06.24-26: INEB, Porto
440. 2014.07.06-11: World Congress on Computational Intelligence (WCCI 2014), Beijing, China; Special Session on Towards Human-Like Intelligence (THLI) – co-organizer.
441. 2014.08.11-14: Warsaw, Poland, Brain Informatics and Health, one paper with P. Matykiewicz and discussion panel with R. Kowalski and J. Sowa.
442. 2014.09.08-08: Gdańsk, Poland. Infobazy, ref. Repositories in Poland (plenary).
443. 2014.09.09-10: Navarra Uni, Pampeluna (resignation)
444. 2014.09.15-19: ICANN, Hamburg, Germany (org. committee).
445. 2014.09.24-26: IEEE Intelligent Systems IS’14 (technical co-chair, opening address).
448. 2014.11.03-06: ICONIP, Kuching, Malaysia (sci committee)
450. 2014.12.09-12: 2014 IEEE Symposium on Computational Intelligence for Human-Like Intelligence, Symposium Series on Computational Intelligence (SSCI 2014), Orlando, Fl, USA - co-organizer.
451. 2015.02.16-21, TFML, Będlewo (could not make it ...).
452. 2015.02.25-26, Copernicus - the road to economic development, Copernicus Science Centre, Warsaw; general chair.
453. 2015.03.11-13, Siódmá konferencja centrów nauki „Interakcja-Integracja”, Toruń, referat inauguracyjny "Za dużo magii, za mało rozumu".
454. 2015.03.17-17: Centrum Neurobiologii w Instytucie Biologii Doświadczalnej PAN, Perspektywy nauk neurokognitywnych.
455. 2015.03.25-25: Kongres Uniwersytetów Dziecięcych. Neuronauka w dydaktyce. Senat RP.
456. 2015.03.26-26: Autyzm. ICM Seminar, Warsaw.
457. 2015.05.10-13: Ethics in Science and Life, Standards and Dilemmas, Humboldt-Kolleg, Toruń.
458. 2015.05.15-16: Umysł-Decyzje-Zachowania, Międzywydziałowe Koło Nauk Humanistycznych (MKNH) i Toruńskie Koło Kognitywistyczne (TKK), Toruń.
459. 2015.06.21-23: Humboldt Kolleg, Progress in Biomedicine & Neuromedicine. Workshop with participation of Prof. Erwin Neher, a Nobel Prize Winner”. Kraków, Poland.
460. 2015.07.01-01: Grand challenge: Computational Neurophenomics for understanding people’s behavior. Nicolaus Copernicus Astronomical Center of Polish Academy of Science.
468. 2015.10.17-17: Otwarta Nauka: Plany Wdrożenia, referaty na spotkaniu KRASP.
469. 2015.11.05-05: Jak w pełni rozwinąć potencjał człowieka. KALEJDOSKOP, Spotkanie Akademickich Festiwalu Nauki, Bydgoszcz.
470. 2015.12.07-08: Trends in interdisciplinary research, Warsaw.
472. 2015.12.12-12: How to reach full human potential (Youtube video), TEDx, Toruń.
473. 2016.03.14-14: Tydzień Mózgu, Centrum Nowoczesności Młyn Wiedzy, referat otwierający Zajrzyjmy im do wnętrza...
474. 2016.04.14-16: EUNIS 2016 Rectors' conference, AGH, Krakow, Poland. Opening talk *What is digital world doing to our brains?*

475. 2016.05.15-16: Interfejsy, kody, symbole. Przyszłość komunikowania, Konferencja w Art Center, połączona z wystawą "Eco Expanded City", Wrocław, Poland. *Gdzie nas zaprowadzą neuronauki?*

476. 2016.05.19-20: Biofizmat, Centrum Banacha, Warszawa, *From brain to mind - challenges for mathematicians (or problems where I could use help ...)*.


478. 2016.05.28-29: Neuromania, IV Konferencja Studentów Toruńskiej Kognitywistyki.


480. 2016.06.23-23: Promotion of doctoral, habilitation, and awards. Institute of Basic Problems of Engineering (IPPT), Warsaw. Inaugural lecture "Technologie neurokognitywne".


483. 2016.10.19-21: III Nationwide Seminar of University Users of the University's Baza OMEGA-PSI, Politechnika Warszawska, panel discussion.

484. 2016.10.23-23: Promotions, habilitations, and prizes. Institute of Basic Problems of Engineering (IPPT), Warsaw. Lecture inauguration "Technologie neurokognitywne".

492. 2016.11.19-19: "Technologie neurokognitywne", rozdanie dyplomów na WFAiS UMK.
494. 2016.12.02-03: International conference "Infants, Language and Cognitive Development", organized by the Neurocognitive Laboratory, CMIT NCU. UMK Toruń, Poland
495. 2016.12.20-20: First International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Prof. Kalina Michalska, University of California – Riverside. Talk: Developmental pathways to aggression and victimization: what can we learn from neuroimaging studies?
496. 2017.01.25-25: 2nd International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Prof. Alejandrina Cristia, CNRS, ENS-DEC, EHESS, France. Talk: Standing on the shoulders of infant giants: How to utilize others' research to inform your theory and practice.
498. 2017.03.18-18: Tydzień Mózgu 2017, Wydział Fizyki, Astronomii i Informatyki Stosowanej UMK, Toruń. Czy neuronauki pomogą nam rozwinać pełny potencjał?
500. 2017.03.23-24: Information Visualisation in Humanities (keynote). NCU Toruń, Poland Visualization of mind inside the brain.
501. 2017.03.29-31: Tydzień Mózgu, Uniwersytet w Białymstoku. Czy neuronauki pomogą nam rozwinać pełny potencjał?
502. 2017.04.27-27: 3rd International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Dr Natalie Boll-Avetisyan, Potsdam University, Germany. Talk: From speech input to linguistic knowledge, and Biases and cross-linguistic differences in phonological acquisition.


508. 2017.05.27-28: Neuromania. UMK Toruń

509. 2017.06.02-02: 4th International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Prof. Rick Dale, University of California, Merced, talk: From Miles to Milliseconds: Connecting Cognitive Dynamics to Large Natural Data Sources.

510. 2017.06.03-03: 5th International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Prof. Anne Warlaumont, University of California, Merced, talk: How do infants learn to produce syllabic speech sounds?


515. 2017.09.07-08: IV Międzynarodowa Konferencja "Ku standardom w opiece nad pacjentem w śpiączce". Komitet Naukowy, referat plenarny Perspektywy badań nad zaburzeniami świadomości.


517. 2017.09.28-28: 6th International Developmental Seminar, organized by the Neurocognitive Laboratory, CMIT NCU. Prof. Katarzyna Chawarska, - Yale Early Social Cognition Laboratory, talk: Attentional signatures of autism in infancy: Studies of siblings at risk for ASD.

518. 2017.10.06-06: Czy neuronauki pomogą nam rozwiniąć pełny potencjał człowieka? Wykład dla studentów i uczniów polskich szkół w Wilnie.

519. 2017.10.06-06: Czy technologia pomoże nam usprawnić nasze mózgi? Inauguracja roku akademickiego, oddział UwB w Wilnie.


525. 2018.04.16-19: Evolang 2018 Toruń, Poland (honorary committee member).

526. 2018.05.16-16: Polonium Foundation. Plenary: Optimizing brain processes. University of Surrey, UK.

527. 2018.05.23-26: XVI Zjazd Polskiego Towarzystwa Medycyny Nuklearnej, Szczecin, Poland. Opening plenary: Jak neurotechnologie zmieniać człowieka.

528. Święto Uniwersytetu Szczecińskiego. Umysł-Mózg. Istota świadomości.


530. 2018.06.02-03: Neuronmania, VI Konferencja Studentów Toruńskiej Kognitywistyki.


532. 2018.06.15-23: Neuroscience: Machine Learning Meets Fundamental Theory, at Cracow School of Theoretical Physics, LVIII Course, Zakopane. 3 lectures.

533. 2018.06.23-25: 27 Kolokwia Psychologiczne PAN, Panel (25.06): zastosowania nowoczesnych technologii w badaniach i praktyce psychologicznej.


      Europejskie Forum Nowych Idei, AI Panel (27, 9-10:30): Sztuczna inteligencja – niekontrolowana swoboda czy sterowalny porządek rozwoju? Podcast mojego wywiadu w TokFM.
543. 2018.10.05-07: ICANN 2018, The 27th International Conference on Artificial Neural Networks, Rhodos, Greece.
      Honorary Chair.
544. 2018.10.07-10: 2018 IEEE International Conference on Systems, Man, and Cybernetics, Miyazaki, Japan
      Meeting of Global Current and Emerging Brain Initiatives.
      Plenary: AI and Neurocognitive Technologies.

1. 2018.11.04-06: 161st Seminar of International Centre of Biocybernetics, “Computer-aided diagnosis support by digital pathology”, Nalecz Institute of Biocybernetics and Biomedical Engineering Polish Academy of Sciences, Warsaw, Poland.
      Invited: Diagnosis based on nonlinear analysis of brain neurodynamics.
2. 2018.11.18-21: The 6th IEEE Symposium on Computational Intelligence for Human-like Intelligence, Bengaluru, INDIA.
      Symposium Co-Chairs, with Jacek Mańdziuk and Janusz Starzyk.
      Keynote lecture: Neurocognitive informatics and machine learning.

1. 2019.06.16-20: ICAISC 2019, The 19th International Conference on Artificial Intelligence and Soft Computing, Hotel Mercure Kasprowy, Zakopane, Poland (co-chair).
2. 2019.06.27-28: BIT 2019, Bioinformatyka w Toruniu.
3. 2019.08.31–02: 12th INCF Congress on Neuroinformatics and INCF Assembly, Warsaw, Poland
      Program Committee member.

Wlodzislaw Duch