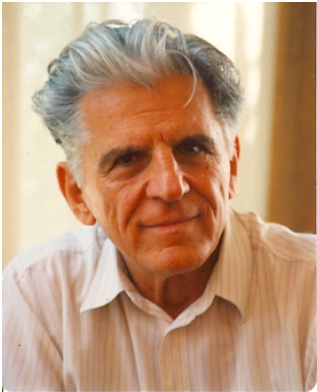


CURRICULUM VITAE

	<p><i>First and Family Name:</i> Jordan POP-JORDANOV</p> <p><i>Titles:</i> Academician Prof. Dr.</p> <p><i>Organization:</i> Macedonian Academy of Sciences and Arts</p> <p><i>Street, Town, Country:</i> Krste Misirkov 2, 1000 Skopje, Macedonia</p> <p><i>Tel.; Fax:</i> +389 2 3235 400 ; +389 2 3235 423</p> <p><i>E-mail; Web:</i> jpj@manu.edu.mk ; www.manu.edu.mk/iceim</p>
<i>Education and Degrees:</i>	<p>1956, BS in Philosophy, University of Skopje 1960, BS in Electrical Engineering, University of Belgrade 1964, D.Sc. in Engineering Physics, University of Belgrade</p>
<i>Professional Positions:</i>	<p>1969-70, Chairman, Scientific Council of BK Inst. of Nucl. Sci., Vinca 1977-79, Dean, Faculty of Electrical Engineering, Univ. of Belgrade 1984-91, President, Macedonian Academy of Sciences and Arts, Skopje 1993-12, Director, Research Center for Energy, Informatics and Materials of the Macedonian Academy of Sciences and Arts, Skopje</p>
<i>Memberships:</i>	<p>Macedonian Academy of Sciences and Arts New-York Academy of Sciences International Academy of Sciences Academia Scientiarum at Artium Europea Mediterranean Academy World Academy of Art and Science World Innovation Foundation Club of Rome Council for the Future of Europe American Physical Society Society for Risk Analyses Society for Applied Neuroscience</p>
<i>Scientific Activity:</i>	<p>Author of over two hundred publications, mostly in the fields of Neutron and Reactor Physics, Electrical Engineering, Brain Electricity and Philosophy of Science Coordinator of several international research projects</p>
<i>Foreign Languages:</i>	<p>English, French, Russian, German</p>
<i>Present Research Fields:</i>	<p>Environmental and health risks of energy systems Negentropy and mind indicators of sustainable development Brain electric oscillations and cognition</p>

Selected Recent Publications

1. Pop-Jordanov J., Faist A., Gay J.-B., Pop-Jordanova N. and Bosevski T.: Holistic Approach to Environmental Risks from Various Energy Options and Some Response Measures, in: Energy for a Better Environment, Book 4.3, WEC, Tokyo 1995, p. 269-278.
2. Pop-Jordanova N., Pop-Jordanov J.: Psychosomatic and Substitutional Effects in Comparative Health Risks from Electricity Generation, IAEA CRP, 17-19 May, Athens, Greece, 1995.
3. Pop-Jordanova N., Pop-Jordanov J., Dimitrov D.: Health Risk from Coal Power Plants: Assessment and Perception, Symposium on Coal-fired Power Generation, The Environment and Public Acceptance, Ankara 30 May - 1 June 1995, p. 1-6.
4. Поп-Јорданов Ј., Димитров Д., Пешевски В.: Ризици од енергетски извори и нивна прифатливост, Енергетика, год. 4, бр. 6, 1995, стр. 11-14.
5. Pop-Jordanov J.: Prospects for the Generation of Electric Power with Renewable Energy in Macedonia, Annual Meeting of the International Energy Workshop, 20-22 June 1995, IIASA, Laxenburg, Austria.
6. Markovska N., Pop-Jordanov J., Solov'ev E.: Canalized States in a Two-dimensional Quantum Model of Thin Films, J. Phys. A: Math. Gen. 28, L201-L206, 1995.
7. Поп-Јорданов Ј.: Обновливи извори на електрична енергија: Состојби и перспективи, Енергетика, год. 4, бр. 7, 1995, стр. 6-9.
8. Pop-Jordanov J., Pesevski J.: Possible Role of Renewables for Electricity Generation, in: Energy Systems in Southeastern Europe, Book 1, ZEMAK, 1995, p. 122-128.
9. Markovska N., Pop-Jordanov J., Solov'ev E.A.: Modeling of Nanostructured Solar Cell Materials, in ECASIA '95, PO-12, Montreux, Switzerland, 1995.
10. Pop-Jordanov J., Markovska N.: Brain Drain in Energy and Informatics, Encyclopaedia Moderna, XIV, 4, 1994, p. 308-313; also in: The Energy Economy in CEE in Transitions, WEC, London, 1995, p.139-145.
11. Pop-Jordanova N., Pop-Jordanov J.: Psychosomatic and Substitutional Effects: Comparative Health Risks from Electricity Generation, Invited paper, in: Electricity, Health and Environment, IAEA, Vienna, 1996, p. 177-187.
12. Pop-Jordanov J., Pop-Jordanova N.: Psychosomatic Technological Risk & its Assessment and Management, in: Risk in a Modern Society: Lessons from Europe, University of Surrey, UK, 1996, p. 83-86.
13. Pop-Jordanova N., Pop-Jordanov J., Boskovska V.: Renewable Energy and Comparative Environmental Impacts of Different Power Systems, in: Renewable Energy, Energy Efficiency and the Environment (A.A.M. Sayigh, ed.). Vol. III, Pergamon, 1996. (WREN/UNESCO Award), p. 2111-2114.
14. Soptrajanov B., Trpkovska M., Graetzel M., Pop-Jordanov J.: Infrared Studies of Charge-Transfer Sensitizers for Nanocrystalline TiO₂ Electrodes : FTIR Spectra of cis- Di(Thiocyanato)Bis(2,2'-Bipyridil-4,4'-Dicarboxy-Late)Ruthenium(II), ECASIA Proceeding J. Matheu, B. Reihl, d. Briggs (eds.). Willey, Cheichester, 1996, p. 591-594.
15. Pop-Jordanov J., Solov'ev E.A., Markovska N.: Quantum Models of Thin Films for Advanced Photovoltaic Technology, in: Renewable Energy, Energy Efficiency and the Environment (A.A.M. Sayigh, ed.). Vol. III, Pergamon, 1996, p. 1517-1520.
16. Markovska N., Mijatovic M., Pop-Jordanov J., Solov'ev E.A.: Quantum States in a Junction of Two Lattices, Contributions, Sec.Math.Tech.Sci., MANU, Vol 17, No. 1-2, 1996, p. 19-24.

17. Bosevski T., Pop-Jordanov J., Causevski A.: Radiation Doses of Inhaled Ash from the Lignite Power Plants, Contributions, Sec. Math.Tech.Sci., MANU, Vol. 18, No. 1-2, 1997, p. 67-78.
18. Поп-Јорданов Ј., Бошевски Т., Чаушевски А.: Радиоактивност на пепелта од центри на лигнит, Зборник на реферати од Меѓународниот симпозиум "Користење на јаглените во енергетиката", Книга 2, Скопје : Електростопанство на Македонија, 1997, стр. 768-775; Исто: Енергетика, год. 6., бр. 17, 1998, стр. 18-22.
19. Поп-Јорданов Ј., Димитров Д., Кеќкаровска В.: Скопје-демонстрациона зона за енергетска ефикасност, Енергетика, год. 5, бр. 15, 1997, стр. 21-23.
20. Поп-Јорданов Ј., Бошевски Т., Хаџи-Мишев Д.: Секторот енергетика во националната стратегија на економскиот развој, Енергетика, год. 5, бр. 14, 1997, стр. 10-16.
21. Dimitrov D., Glamocanin V., Pop-Jordanov J., Andonov D.: Simulated Evaluation of Grid- Support Photovoltaic Systems Regarding Distribution Loss Reduction, Proc. 14th International Conference and Exhibition on Electricity Distribution: Distribution Power for the Millennium, Birmingham, June 1997, p. 5.28.1-5.
22. Markovska N., Mijatovic M., Pop-Jordanov J., Solov'ev E.A.: Giant Resonance in Elastic Scattering on the Interface Surface of Compound Solids, XX Int. Conf. Phys. Elec. At. Col., Contributed Papers, Vol. 1, FR 118, Vienna, July 1997.
23. Markovska N., Pop-Jordanov J., Solov'ev E.A.: Total Reflection and Canalized States in a Three-Dimensional Quantum Model of Thin Films, Physics Letters A, 1997, p. 251-261.
24. Janev R.K., Pop-Jordanov, J., Solov'ev E.A.: Topological Phase and Interface Effects in Slow He²⁺⁺H and He⁺⁺H⁺ Charge Exchange Collisions, J. Phys.B: At. Mol. Opt. Phys.30, 1997, L353-L360.
25. Pop-Jordanov J., Solov'ev E.A.: Kinematic Restrictions on Angular Distribution of Inelastic Scattering Fragments in Lab Frame of Reference, XX Int. Conf. Phys. Elec. At. Col., Contributed Papers, Vol. 2, M0 083, Vienna, July 1997.
26. Pop-Jordanova N., Pop-Jordanov J., Boskovska V.: Psychosomatic Health Impacts of Power Plants and Computer Aided Risk Management, POWER-GEN Europe '98, Vol. III, PennWell, 1998, p. 1043-1049.
27. Тодоровски М., Поп-Јорданов Ј.: Рамковната конвенција за климатски промени, Енергетика, год. 6, бр. 18, 1998, стр. 10-14.
28. Mijatovic M., Pop-Jordanov J., Solov'ev E.A.: Interface States in Compound Solids, Physics Letters A 237, 1998, p. 161-164.
29. Pop-Jordanov J., Dimitrov D.: Photovoltaics Within the Skopje Energy Efficiency Demonstration Zone, in: Renewable Energy, Part III (ed. A.A.M. Sayigh), WREC, 1998, Pergamon, p. 1755-1758.
30. Markovska N., Pop-Jordanov J., Pop-Jordanova N., Solov'ev E.A.: Quantum Modeling of Spin Wave-like Collective States in Brain Cells, Toward a Science of Consciousness, Journal of Consciousness Studies, 1998, p. 89.
31. Pop-Jordanov J., Solov'ev E., Pop-Jordanova N., Markovska N., Dimitrovski D.: Exploring the Quantum Concept of Memory, International Journal of Psychophysiology, Vol. 30, No. 1-2, 1998, p. 147-148.
32. Dimitrovski D., Pop-Jordanov J., Pop-Jordanova N. and Solov'ev E. A.: Quantum Transitions Between Collective Rotational States of Water Molecules in Brain Cells as Possible Mechanism of Memory Imprinting, Contributions, MANU 19, 1-2, 1998, p. 67-78.
33. Pop-Jordanov J.: Science, Technology and Sustainable Development, in: Science and Culture for the Joint Future of South Eastern Europe, Skopje, Macedonian Academy of Sciences and Arts, 1998, p. 27-34.
34. Pop-Jordanov J., Markovska N.: Skopje Energy Efficiency Demonstration Zone, 4th Meeting of the SECI PG on Energy Efficiency, Thessaloniki, Greece, February 8-9, 1999

35. Pop-Jordanov J., Bosevski T., Causevski A., Todorovski M.: Options and Strategies for Power Sector Development in Macedonia, 3rd RC Meeting on Case Studies to Assess and Compare Different Energy Sources in Sustainable Energy and Electricity Supply Strategies, Zurich, Switzerland, December 14-16, 1999.
36. Pop-Jordanov J., Markovska N.: Building-integrated Photovoltaics, Proc. World Sustainable Energy Day 1999, Wels, Austria, 1999.
37. Dimitrovski D., Markovska N., Pop-Jordanov J., Solov'ev E. A., Transitions Between Rotational States of H₂O Molecule in Periodic Electric Field as Possible Information Imprinting Pathway in Brain Cells, Toward a Science of Consciousness – Fundamental Approaches – Tokyo '99, May 25-28 1999, Tokyo, Japan.
38. Dimitrovski D., Pop-Jordanov J., Solov'ev E. A.: Water Molecules in Cortical Electric Field: Quantum Transitions and Neuron Size, Quantum Approaches to Consciousness, Journal of Consciousness Studies, 1999, p. 3.
39. Pop-Jordanov J.: Science and Technology Negentropy and Networking Toward Sustainable Development, UNIDO Workshop on Sustainable Development Policy and Economic Growth in Central and Eastern European Countries, Ljubljana, Slovenia, December 16-19, 1999.
40. Pop-Jordanov J.: Local Indicators of Sustainable Energy Development, UNIDO ICSD Workshop on "Local Indicators of Sustainable Industrial Development", 22 September 2000, Ljubljana, Slovenia.
41. Dimitrovski D., Markovska N., Pop-Jordanov J., Solov'ev E.A.: Quantum Concept of Memory and Possible Brain Information Imprinting Pathway, Interdisciplinary Workshop "The Acting Brain", September 20-22, 2000, Trieste, Italy.
42. Pop-Jordanov J., Pop-Jordanova N.: Psychosomatic Disorders and Electrodermal Biofeedback, Proc. 50th Jubilee Congress of the World Psychiatric Organization, Paris, June 2000, p. 82.
43. Pop-Jordanov J., Markovska N., Dimitrov D., Kocev K., Dimitrovski D.: Grid-connected Photovoltaics in Macedonian Conditions, Renewable Energy, Pergamon Press, 2000, p. 2077-81.
44. Pop-Jordanov J.: R & D Networks as Negentropic Tools Toward Sustainability, in: Strategies of the International Scientific Cooperation in South-East Europe, N. K. Pak et al. (eds.), IOS Press, Amsterdam-Berlin-Oxford-Tokyo-Washington, Series 4, Vol. 30, 2000, p. 148-153.
45. Pop-Jordanov J., Bosevski T., Causevski A., Todorovski M.: Technical, Economic and Environmental Assessment of Electricity Supply Options for a Small Country, Contributions MASA: Dept. Mat. Techn. Sci., XXI, 1-2, 2000.
46. Pop-Jordanov J., Markovska N., Dimitrov D., Kocev K., Dimitrovski D.: Eksperimentalni integrirani fotovoltai~ni sistemi, Energetika, 9, 24, 2000, str. 16-19.
47. Марковска Н., Поп-Јорданов Ј.: Соларна енергија во светло на одржлив развој, Energetika, 9, 29, 2001, стр. 44-47.
48. Pop-Jordanov J.: The Role of Scientific Research in the Field of Energy Efficiency, OPET Regional Workshop on Energy Efficiency, 2001. Also: Energetics, 9, 29, 2001, p. 57.
49. Pop-Jordanova N, Pop-Jordanov J.: Dose – Stress Synergism in Cancer Risk Assessment, Contribution MASA: Dept. Biol. Med. Sci., XXII, 1-2, 2001, p. 15-22.
50. Поп-Јорданов Ј.: Одржлив развој и енергетски индикатори, Energetika 10, 32, 2002, стр. 55-57.
51. Тодоровски М., Марковска Н., Чаушевски А., Каневче К., Бошевски Т., Ј. Поп-Јорданов. Energetika и одржлив развој во македонски услови, Energetika 10, 32, 2002, стр. 58-62.
52. Pop-Jordanov J.: Sustainability Indicators and Energy Efficiency, International Conference "Efficient Use of Energy Sources – Improvement of the Environment, Portoroz, Slovenia, 16-17 May 2002.

53. Todorovski M., Bosevski T., Pop-Jordanov J., Causevski A.: Enhancement of Efficiency in Using National Hydro Potential and the Consequent Environmental Benefits, Proc. World Renewable Energy Congress VII, Cologne, Germany, 29 June - 5 July, 2002.
54. Markovska N., Pop-Jordanov J., Solov'ev E.: Resonant Effects in Heterojunctions and Thin Films with Possible Impacts on Solar Cell Efficiency, Proc. World Renewable Energy Congress VII, Cologne, Germany, 29 June - 5 July, 2002.
55. Pop-Jordanov J., Markovska N.: Quantum Modeling of Photovoltaic Structures for Cell Efficiency Improvement, Energy and the Environment, Vol. 1, 2002, p. 233-240.
56. Pop-Jordanova N., Pop-Jordanov J.: Psychophysiological Comorbidity and Computerized Biofeedback, The International Journal of Artificial Organs, Vol. 25, No. 5, 2002, p. 429-433.
57. Pop-Jordanov J., Pop-Jordanova N., Dimitrovski D., Markovska N.: Brain-Wave Dynamics Related to Cognitive Tasks and Neurofeedback Information Flow, 7th Experimental Chaos Conference, Abstract Booklet, San Diego, USA, August 2002, p. 67-68.
58. Pop-Jordanov J., Pop-Jordanova N., Dimitrovski D., Solov'ev E., Markovska N.: Quantum Nerdynamics and Biofeedback Efficiency in Treating Neurological Disorders, The 9th International Child Neurology Congress, Beijing, China, September 2002. Also: Brain and Development, Official Journal of the Japanese Society of Child Neurology, Vol. 24, No.6, September 2002, p.408-409.
59. Поп-Јорданов Ј.: Инженерската наука како решавачки фактор за одржлив развој, Прв конгрес на инженерите на Македонија, 24-26 октомври, Струга, 2002, стр. 14-19.
60. Pop-Jordanov J.: Indicators for Sustainable Energy Development from a Negentropic Perspective, Original Paper, Clean Techn Environ Policy Vol. 5, pp. 273-278, 2003.
61. Pop-Jordanov J., Pop-Jordanova N., Markovska N.: On EEG Biofeedback Efficiency in Treating Cognitive Disorders, ECISNR Inaugural Meeting 2003, Udine, Italy, 18-22 February 2003. Also: Journal of Neurotherapy 7, 4, 2003.
62. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J.: Assessment and Mitigation of Environmental Impacts of Industrial Processes in Macedonia, Critical Reviews in Analytical Chemistry, 33(4): 1-6 (2003).
63. Bosevski T., Pop-Jordanov J.: Main Results from the Macedonian Power System Development Study, In: Case studies to Assess and Compare Different Energy Sources in Sustainable Energy and Electricity Supply Strategies, IAEA, Vienna, 2003, p. 43-47.
64. Pop-Jordanov J., Bosevski T., et al.: Inventory of Greenhouse Gases Emissions, In: Macedonia's First National Communication under the United Nations Framework Convention on Climate Change, MEPP/ UNDP, 2003, pp. 29-46.
65. Pop-Jordanov J., Bosevski T., et al.: GHG Abatement Analysis and Projections of Emissions, In: Macedonia's First National Communication under the United Nations Framework Convention on Climate Change, MEPP/ UNDP, 2003, pp. 47-84.
66. Поп-Јорданов Ј.: Онтолошки, гносеолошки и аксиолошки компоненти на филозофијата во современите физички и технички науки, Во: Хрестоматија по филозофија на науката, Скопје, 2003, стр. 234-238.
67. Pop-Jordanov J., Markovska N., Pop-Jordanova N., Simoska S.: Occupational Entropy and Mind Indicators for Sustainable Energy Development, Proceedings of the First International Exergy, Energy and Environment Symposium (IEEES-1), Izmir, Turkey, July 2003, p. 359-362. Also: International Journal of Green Energy, Vol.1, No. 3, pp. 327-335, 2004.
68. Pop-Jordanov J., Dimitrovski D., Pop-Jordanova N. and Solov'ev E.A., Quantitative Quantum Approach to Neuronal Electric Activity, ECSNR 2nd Annual Meeting, 24-28 February, 2004, Winterthur, Switzerland, Abstracts, p. 22.

69. Dimitrovski D., Pop-Jordanov J., Pop-Jordanova N, And Solov'ev E.A.: Hidden-Crossing Transitions Between Collective States of Coupled Quantum Rotators as a Possible Mechanism of Memory Processing, *Information sciences: An International Journal*, Volume 168, Issues 1-4, 267-276, 2004.
70. Todorovski M., Markovska N., Bosevski T., Pop-Jordanov J.: Energy-Related GHG Emission Analyses and Abatement Options, full paper, Proc. The 19th World Energy Congress, Sydney, Australia, 5-9 September 2004.
71. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J.: Driving Factors and Limiting Barriers of Technology Transfer in the Energy Sector in Macedonia, full paper, The IPCC Expert Meeting on Industrial Technology Development, Transfer and Diffusion, Proc. (ed. Kessels J.) Tokyo, Japan, 21-23 September 2004, pp. 200-212.
72. Тодоровски М., Марковска Н., Бошевски Т., Поп-Јорданов Ј.: Намалување на емисиите на стакленички гасови во енергетскиот сектор, Меѓународно советување Енергетика 2004, Охрид, 7-9 октомври 2004, книга 2, стр. 639-647.
73. Pop-Jordanov J., Bosevski T., Todorovski M., Markovska N.: Evaluation of Technology Needs for GHG Abatement in the Energy Sector, Summary, Ministry of Environment and Physical Planning, 2004, p. 1-16.
74. Pop-Jordanov J.: Metrics for Sustainable Energy Development, Ukrainian-Macedonian Scientific Collection, Issue 1, Kiev 2005, 314-320.
75. Pop-Jordanov J., Dimitrovski D., Pop-Jordanova N., Solovyov E., Markovska N.: Quantum Approach to Information Processing in the Brain, Ukrainian-Macedonian Scientific Collection, Issue 1, Kiev 2005, 328-334.
76. Pop-Jordanov J.: Modalities of European Research Programmes, Interacademy Council for South East Europe Second Programme Committee Meeting, Belgrade, 17 May 2005.
77. Pop-Jordanov J., Markovska N., Todorovski M.: International Research Competitiveness in Function of Sustainable Development, full paper, Implementation of the Sustainable Development Concept in South East Europe, Dubrovnik, 3-4 June, 2005.
78. Pop-Jordanov J.: Quantum Excitability of Cortical Dipoles and the Mental Arousal Spectra, Scientific Symposium of the Society of Applied Neuroscience (SAN), Istanbul, 31 Aug. - 2 Sept. 2005.
79. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J.: Comparative Assessment of Prospective Renewable Energy Sources in Macedonian Conditions, full paper, Alternativni izvori energije i buducnosti njihove primene, Cetvrti naucni skup, Crnogorska akademija nauka i umetnosti, Budva, 6-7 October, 2005.
80. Pop-Jordanov J.: Knowledge, Cognition and Entropy, World Academy of Art and Science General Assembly „The Future of Knowledge: Evolutionary Challenges of the 21st Century“, Zagreb, 18-20 November 2005.
81. Pop-Jordanova N., Pop-Jordanov J.: Spectrum Weighted EEG Frequency (“Brain-rate”) as a Quantitative Indicator of Mental Arousal, *Contributions, Sec. Biol.Med.Sci*, XXVI 2, 2005: 35-42.
82. Pop-Jordanov J., Pop-Jordanova N., State-of-the-Mind Criteria for Sustainability, in: *Integration of Sustainable Development Principles in R&D Projects, Sourcebook on Approaches towards Sustainable Development in Research, Education and Innovation* (eds. A. Kornhauser, M. J. Frazer), UNESCO, 2006, p. 35-43.
83. Pop-Jordanov J., Pop-Jordanova N., Quantum Interpretation of Mental Arousal Spectra, Contribution, *Sec.Math.Tech.Sci, MASA*, XXV, 1-2, 2005, p. 75-94.
84. Markovska N., Pop-Jordanova N. and Pop-Jordanov J., Energy Technologies and Integrated Risks, in: *Energy and Culture* (ed. B. Dooley), Ashgate Publ., England and USA, 2006, p. 193-206.
85. Pop-Jordanov J., Electric Neuronal Oscillations and Cognition: Action background and research priorities, Proc. First EU/ESF COST B27 Seminar, Skopje, 12-13 May 2006, p. 3-5.

86. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J., Prospects for Renewable Energy Sources in Macedonia, full paper, Proc. International Congress "Energy and the Environment 2006", Opatija, 25 – 27 October, 2006.
87. Pop-Jordanov J., Markovska N., Scientific Excellence Indicators of European Integration, in: A special IPTS Report (eds. F. Unger, G. Fayl, D. Kyriakou), European Commission JRC, December 2006, p. 40-46.
88. Pop-Jordanov N., Markovska N.: Centers of Excellence as navigators towards European Integration, Ukrainian-Macedonian Scientific Collection, Issue 2, National Academy of Science, 2006, p. 218-224.
89. Pop-Jordanov J., ENOC Monitoring Progress Report (2005-2006), COST Brussels, December 2006, p. 1-49.
90. J. Pop-Jordanov.: Neurophysical substrates of mental arousal, Invited Paper, Proc. COST Conference "Neuroscience Today", March 2007, Florence, Italy.
91. Марковска Н., Поп-Јорданов Ј.: Термална енергија од соларни извори во Македонија, Работилница: Промоција на обновливи извори на енергија, VBPC-RES, EU-FP6 Project, април 2007, Скопје.
92. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J.: Cost and Environmental Effectiveness of Climate Change Mitigation Measures, Invited Lecture (full paper), "Sustainable Energy Production and Consumption and Environmental Costing", NATO Advanced Research Workshop, July 2007, Naples, Italy.
93. Markovska N., Pop-Jordanov J.: Strengths, Weaknesses, Opportunities and Treats of the National Energy Sector in Light of Sustainability, Состојбите и проблемите на енергетиката во Македонија и во Украина, Македонско - украинска научна конференција, MANU, septemvri 2007 ; Also submitted to Energy Policy.
94. J. Pop-Jordanov.: Electric Neuronal Oscillations and Cognition, Opening Address, ENOC Symposium, October 2007, Goettingen, Germany.
95. Markovska-Simoska S., Pop-Jordanov N., Pop-Jordanov J.: New perspectives of brain-rate parameter, Proceedings of the NeuroMath Workshop, December 2007, Rome, Italy.
96. Pop-Jordanov J., Pop-Jordanova N.: Neurophysical substrates of arousal and attention, Cognitive Processing, 10 (2009) S71-S79.
97. Pop-Jordanova N., Markovska N., Pop-Jordanov J.: Psychophysiological indicators for sustainable development, International Journal of Psychophysiology, Vol 69, 2008, p. 309.
98. Pop-Jordanov J.: Attention-arousal correlation from classical and quantum perspective. Revista Espanola De Neuropsicologia, Vol. 10:1, p. 50.
99. Markovska N., Todorovski M., Bosevski T., Pop-Jordanov J.: Cost and environmental effectiveness of climate change mitigation measures, Invited lecture, in: Sustainable Energy Production and Consumption, (eds F. Barbir, S. Ulgiati), Springer Science, 2008, pp. 67-73.
100. Markovska N., Pop-Jordanova N., Pop-Jordanov J.: Attention as sustainability indicator in PSR representation, Revista Espanola De Neuropsicologia, Vol.10:1, p.130.
101. Pop-Jordanov J.: On physical correlates of consciousness level and content, Proc. EU/ESF Cost Conference on Consciousness: A Transdisciplinary, Integrated Approach, 20-21 Nov. 2008, Gent, Belgium.
102. Markovska-Simoska S., Gjoneska B., Tomovski I., Pop-Jordanov J. Analysis of qEEG spectrum-weighted frequency (Brain-rate) for visual and emotional CPT. Revista Espanola De Neuropsicologia, Vol.10:1, p. 129.
103. Markovska N., Taseska V., Pop-Jordanov J.: SWOT analyses of the national energy sector for sustainable energy development, Energy, Energy, 34 (2009) 752-756.

104. Markovska N., Pop-Jordanov J., Solov'ev E: Quantum resonant effects and solar cell efficiency, in: *Physics of Nanostructured Solar Cells*, Editor V. Badescu, Nova Science Publ., 2009.
105. Taseska V., Markovska N., Causevski A., Bosevski T., Pop-Jordanov J.: GHG emissions reduction in a power system predominantly based on lignite, *Proc. 5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems*, 29 September - 3 October 2009.
106. Pop-Jordanov J., Pop-Jordanova N.: Quantum transition probabilities and the level of consciousness, *Journal of Psychophysiology*, 2010; 24(2):136-140.
107. Taseska V., Markovska N., Causevski A., Bosevski T., Pop-Jordanov J., GHG emissions reduction in a power system predominantly based on lignite, *Energy*, 2010; doi:10.1016/j.energy.2010.04.010.
108. Markovska N., Pop-Jordanov J., Solov'ev E: Quantum Resonant Effects and Solar Cell Efficiency, in: *Physics of nanostructured solar cells*, Badescu V. and Paulescu M.; Ed.; ISBN: 978-1-60876-110-4; Nova Science Publishers, Inc., 2010:133-143.
109. Pop-Jordanova N., Pop-Jordanov J.: On estimating mental consequences of mobile phone exposure, *Proc. EU/ESF COST BM0704 Meeting*, Lisbon, 2010.
110. Pop-Jordanov J., Pop-Jordanova N.: Mobile phones, EEG and mental activity, *WebmedCentral BRAIN*, Dec.2010.
111. Taseska V., Markovska N., Causevski A., Bosevski T., Pop-Jordanov J.: Greenhouse Gases (GHG) Emissions Reduction in a Power System Predominantly Based on Lignite, *Energy*, Vol. 36, Issue 4 (April 2011), pp. 2266–2270.
112. Markovska N., Krkoleva A., Taseska V., Borozan V., Pop-Jordanov J.: Enabling Environment for Better Utilization of Solar and Wind Energy in Macedonian Agricultural Sector, *Proc. 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems*, 25–29 September 2011.
113. Markovska N., Krkoleva A., Taseska V., Borozan V., Pop-Jordanov J.: Comparative Assessment of Solar and Wind Energy Case Studies in Rural Areas, *Proc. 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems*, 25–29 September 2011.
114. Dedinec A., Markovska N., Taseska V., Kanevce G., Bosevski T., Pop-Jordanov J.: The Potential of RES for GHG Emissions Reduction, *Proc. 6th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems*, 25–29 September 2011.
115. Pop-Jordanov J., Pop-Jordanova N.: Mobile Phones, EEG and Mental Activity, *WebmedCentral BRAIN* 2011;2(1):WMC001493, http://www.webmedcentral.com/wmcpdf/Article_WMC001493.pdf.