

Neki Frasheri

Publications: 1979 – 2019

1. Gudar Beqiraj, Neki Frasheri. Internet Complexity and Social Integration. Symposium Complexity & Integration in Nature and Society, European Academy of Sciences and Arts German-Japanese Society for Integrative Sciences, March 1st, 2019, Salzburg (accepted for presentation).
2. N.Fraseri and E.Atanassov. Scalability of 3D relaxational gravity inversion in HPC Avitohol. In Ultrascala Computing Systems, Eds. J.Carretero, E.Jeannot and A.Zomaya, IET (The Institution of Engineering and Technology) Professional Applications of Computing Series 24, 2019.
3. Neki Frasheri, Gudar Beqiraj, Salvatore Bushati. Remote Sensing and Small Aperture Radar Imagery for Erosion Studies in Albania. The ESA Earth Observation Φ -week EO Open Science and Future EO, ESA-ESRIN, Frascati, 12-16 November 2018.
4. Peter Kaczmariski, Marco Porta, Betim Çiço, Neki Frasheri, Virginio Cantoni, Lin Wang and Fernand Vandamme. Designing a Strategic Framework for European Computing Education and Training. *Scientia Paedagogica Experimentalis*, LV, 2, 2018, 101-136
5. Neki Frasheri and Salvatore Bushati. Remote Sensing for Environmental Impact and Future Economies. MASA — EMAN Symposium on Culture, Technology and Humanism, Montenegro, Bar, 4–6 October 2018
6. Neki Frasheri dhe Gudar Beqiraj. Reflektime mbi Kerkimin Shkencor ne Matematike dhe Informatike. Academia e Shkencave e Shqiperise, Konferenca “Prorjet Shkencore per kerkim dhe Zhvillim ne Publikimet e Revistes 'Journal of Natural and Technical Sciences' dhe Perparesite e Hulumtimeve te Reja”, Tirane 2 shkurt 2018 (in Albanian).
7. *Igli Hakrama and Neki Frasheri. Modelling and Implementation of an Artificial Economy through JaCaMo. International Journal of Computer Applications 180(42):27-34, May 2018.*
8. *Igli Hakrama, Neki Frasheri. Agent-Based Modeling and Simulation of an Artificial Economy with Repast. International Journal on Information Technologies & Security, № 2 (vol. 10), 2018 pp.47-56*
9. Frasheri N., Atanassov E. An analysis for parallel wind simulation speedup using OpenFOAM. International Conference e-Infrastructures for Excellent Science in Southeastern Europe and the Eastern Mediterranean. 15-16 May 2018, Sofia, Bulgaria.
10. *Enida Sheme, Simon Holmbacka, Sébastien Lafond, Dražen Lučanin, Neki Frasheri. Feasibility of using renewable energy to supply data centers in 60° north latitude. ELSEVIER - Sustainable Computing: Informatics and Systems, Volume 17, March 2018, Pages 96-106*
11. G.Beqiraj, N.Fraseri, A.Fraseri, S.Bushati, Matematizimi dhe Informatizimi i Problemeve te Gjeofizikes nder Vite ne Shqiperi (1971-2015), Akademia e Shkencave e Shqiperise 2016 - 2018
12. Neki Frasheri, Gudar Beqiraj. Reflektime mbi kerkimin shkencor ne matematike dhe informatike. Konferenca “Prurjet shkencore per kerkim e zhvillim ne publikimet e revistes 'Journal of Natural and Technical Sciences' dhe perparesite e hulumtimeve ne te ardhmen. Akademia e Shkencave e Shqiperise, Tirane 2 shkurt 2018
13. Neki Frasheri, Gudar Beqiraj, Salvatore Bushati. Multitemporal Interferometry and Big Data – Case of Albania. Conference on Big Data from Space (BiDS'17), Toulouse 28-30 November 2017, ISBN 978-92-79-73527-1 ISSN 1831-9424 doi:10.2760/383579.
14. Neki Frasheri, Emanouil Atanassov, Scalability Issues for Wind Simulation Using OpenFOAM, Bulgarian Academy of Sciences, CYBERNETICS AND INFORMATION TECHNOLOGIES, Volume 17, No 5, Special issue with selected papers from the workshop “Two Years Avitohol: Advanced High Performance Computing Applications 2017”, 29-31 October, Panagyurishte, Bulgaria
15. *Enida Sheme, Drazen Lucanin, Neki Frasheri, Simon Holmbacka, Sébastien Lafond. Feasibility of Using Renewable Energy to Supply Data Centers in 60 Degrees North Latitude. Elsevier Journal "Sustainable Computing, Informatics and Systems", accepted for publication 31 October 2017.*
16. Neki Frasheri, Emanouil Atanassov. Scalability Issues for Wind Simulation Using OpenFOAM. In Cybernetics and Information Technologies Volume 17, No 5, Bulgarian Academy of Sciences, 2017. Presented in VRE

- Workshop “Two Years Avitohol: Advanced HPC applications”, 29-31 October, Panagyurishte, Bulgaria.
17. Neki Frasheri, Gudar Beqiraj, Salvatore Bushati. SAR Data Processing for Evaluation of Environmental Changes in Albania. ESA EO Open Science 2017, 25-28 September 2017, ESA-ESRIN, Frascati.
 18. Neki Frasheri, Emanouil Atanassov. Scalability Issues for Wind Simulation using OpenFOAM. IEEE EUROCON 2017 - 17th IEEE International Conference on Smart Technologies, 6 – 8 July 2017 Ohrid, Republic of Macedonia. Paper accepted, participation cancelled.
 19. Neki Frasheri, Dorian Minarolli. Project VI-SEEM – a Regional Virtual Research Environment. International Conference ISTI 2017: fostering As-A-Service Economy, 23 - 24 June 2017, Tirana
 20. Neki Frasheri, Gudar Beqiraj, Salvatore Bushati. SAR Interferometry for Identification of Environmental Phenomena – Case Of Albania. ESA FRINGE 2017 Workshop, Aalto University of Helsinki (Finland), 05 - 09 June 2017
 21. Neki Frasheri, Emanouil Atanassov. Interprocess Communication Issues with OpenFOAM for Wind Simulation. BalkanCom 2017 - First International Balkan Conference on Communications and Networking, Tirana, Albania, May 30 - June 2, 2017
 22. *Illir Keka, Betim Cico, Neki Frasheri. Effect of parallelism in calculating the execution time during forecasting electrical load. Journal of Natural and Technical Sciences 2017 (1) XXII (43), Academy of Sciences of Albania, Tirana 2017.*
 23. Alfred Frasheri, Salvatore Bushati, Neki Frasheri. Kontrolli dhe monitorimi i qendrueshemrise se shpateve dhe rreshqitjeve sipas te dhenave gjeofizike. Konferenca Kombetare Siguria e Digave dhe Menazhimi i Tyre. Tirane, 2016
 24. Neki Frasheri, Emanouil Atanassov. Scalability Issues for Wind Simulation using OpenFOAM. COST Action IC1305 3-rd Workshop NESUS2016, 6-7 October 2016, Sofia, Bulgaria
 25. *Enida Sheme, Jean-Marc Pierson, Georges Da Costa, Patricia Stolf, Neki Frasheri. Efficient Energy Resource Scheduling in Green Powered Datacenters: A Cloudsim Implementation. COST Action IC1305 3-rd Workshop NESUS2016, 6-7 October 2016, Sofia, Bulgaria*
 26. *Enida Sheme, Simon Holmbacka, Sebastien Lafond, Drazen Lucanin, Neki Frasheri. Datacenters Powered by Renewable Energy: A Case Study for 60 Degrees Latitude North. The 24rd International Conference on Software, Telecommunications and Computer Networks. Split, Croatia September 22-24, 2016.*
 27. N. Frasheri, G. Beqiraj, S. Bushati. Investigation of environmental changes using satellite radar images – experiences from ALBANIAN hot spots. EO Open Science Conference 2016, Frascati 12-14 September 2016
 28. *K. Hyseni, N. Frasheri. Integrating embedded devies in SOA through optimized re-targetable code generation. International Journal on Information Technologies & Security. 2016, Vol. 8 Issue 3, p3-28. 26p*
 29. *K. Hyseni, N. Frasheri. Low cost SOA based platform independent back-end data acquisition system. International Journal on Information Technologies & Security. 2016, Vol. 8 Issue 3, p53-64. 12p*
 30. *K. Hyseni, N. Frasheri. Code and message footprints of generated code for embedded devices as components of SOA. International Journal of Science, Innovation and New Technology. 2016, Issue June, pX-Y. 8p*
 31. *Enida Sheme, Neki Frasheri, “Implementing workload postponing in CloudSim to maximize renewable energy utilization”, International Journal of Engineering Research and Applications (IJERA)*
 32. Neki Frasheri, Salvatore Bushati, Gudar Beqiraj, Mentor Lamaj. Application of differential inteferometry for analysis of ground movements in Albania. IJNTS 2016
 33. *Enida Sheme, Neki Frasheri. Using renewable energy to supply datacenters: case study for Albania. IJNTS 2016*
 34. M. Porta, B. Çiço, P. Kaczmarek, N. Frasheri, V. Cantoni, F. Vandamme. New Trends in Information Technologies and Their Integration in University Curricula: a Brief Study in the Context of the FETCH European Thematic Network. International Conference on Computer Systems and Technologies - CompSysTech'16, 23-24 June 2016, Palermo, Italy

35. Neki Frasheri. Some reflections on matrix simulations in economy. Workshop "Modelling and Simulation in Business Informatics", ISTI2016, Tirana 17 June 2016
36. Elson Agastra, Neki Frasheri, Tania Floqi, Jorgaq Kaçani, Frederik Premti, Erjon Selmani, Jonida Teta, Eralda Xhafka. Environment monitoring in public transport vehicles. 7th International Conference "Information Systems and Technology Innovations: the New Paradigm for a Smarter Economy" ISTI2016, Tirana 17-18 June 2016
37. Neki Frasheri, Gudar Beqiraj. The tragedy of innovation – reflections on innovation and disruption impacts. International Conference Technology + Society Future, May 19–20, 2016, Podgorica, Montenegro
38. F.Vila, N.Frasheri, F.Mandia. Vleresimi satelitor dhe lokal i aerosoleve ne zonen e Shkodres. Konferenca Vjetore "Java e Shkences" 2016, Prishtine 10 – 12 maj 2016
39. Report on Work Package 4, Deliverable 4.4 (version 1.3) European Evaluation Framework for Computing Education and Training 2020 (EEFCET 2020). Erasmus Thematic network – Future Education and Training in Computing: How to Support Learning at Anytime Anywhere. Grant Agreement number: 2013 – 3862 / 001 – 001. FETCH 2016 [contributor]
40. Report on Work Package 3, Deliverable 3.3 (version 1.3) European Strategic Framework for Computing Education and Training 2020 (ESFCET 2020). Erasmus Thematic network – Future Education and Training in Computing: How to Support Learning at Anytime Anywhere. Grant Agreement number: 2013 – 3862 / 001 – 001. FETCH 2016 [contributor]
41. Frasheri Neki, Beqiraj Gudar, Bushati Salvatore, Frasheri Alfred. Application of Remote Sensing for the Analysis of Environmental Changes in Albania. ESA Living Planet Symposium 2016, 9-13 May 2016, Prague Czech Republic.
42. M. Mihajlovic, L. A. Bongo, R. Ciegis, N. Frasheri, D. Kimovski, P. Kropf, S. Margenov, M. Neytcheva, T. Rauber, G. Runger, R. Trobec, R. Wuyts, R. Wyrzykowski, J. Gong. Applications for ultrascale computing. Supercomputing Frontiers and Innovations, Vol 2, No 1 (2015), DOI: 10.14529/jsfi150102
43. M. Lamaj, L. Moisiu, A. Avxhi, M. Dardha, M. Jusufati, S. Bushati, N. Frasheri. Aplikimi i teknologjive te imazheve satelitore ne vleresimin dhe parashikimin e integruar te fenomeneve gjeodinamike, me qellim zbutjen e pasojave, ne zonat urbane dhe turistike te rajonit bregdetar. Programet Kombetare te Kerkimit dhe Zhvillimit per Vitet 2010-2014, vellimi II. AKTI 2015.
44. E. Sheme, N. Frasheri. *Software tools and techniques for energy efficiency in data centres. International Journal on Information Technologies & Security. 2015, Vol. 7 Issue 3, p13-22. 10p*
45. N. Frasheri, G. Beqiraj and S. Bushati. Recent environmental changes in Albania through remote sensing. Earth Observation Open Science 2.0 Conference, 12-14 October 2015, ESA/ESRIN, Frascati, Italy
46. Iglj Hakrama and Neki Frasheri. *Modeling an Artificial Economy with JaCaMo. DSC'2015, 17-18 Sept 2015, Thessaloniki*
47. Arten Avdiu and Neki Frasheri. *Automated Geospatial Context Feature Generation From Linked Data, DSC'2015, 17-18 Sept 2015, Thessaloniki*
48. N. Frasheri. Parallel processing for gravity inversion. COST IC 1305 Network for Sustainable Ultrascale Computing - Second NESUS Workshop, 10-11 September 2015, Krakow Poland
49. E.Agastra, N.Frasheri, T.Floqi, J.Kaçani, F.Premti, J.Teta, E.Xhafka, E.Zeneli. Vehicle-to-Infrastructure Communication Using 3G/4G Network for Better Public Transport. 6th International Conference "Information Systems and Technology Innovations: inducing Modern Business Solutions". June 5-6, 2015 Tirana.
50. Ina Papadhoppulli, Neki Frasheri. Today's Challenges of Symbolic Execution and Search-Based for Automated Structural Testing. ICTIC - Proceedings in Conference of Informatics and Management Sciences, Volume: 4, Issue: 1, Publisher: EDIS - Publishing Institution of the University of Zilina, March 2015.
51. G. Beqiraj, N. Frasheri, J. Kacani and F. Premti. History: computers in Albania. ITSTAR Newsletter - Calibrated for Creative Communications, Vol. 13, no. 1, Spring 2015

52. M.Lamaj, N.Fraseri, S.Bushati, L.Moisiu, G.Beqiraj, A.Avxhi. Application of differential interferometry for analysis of ground movements in Albania. Fringe 2015 Workshop ESRIN, Frascati – Italy, 23–27 March 2015
53. Pano N., Fraseri A., Fraseri N., Beqiraj G., Bushati S. A review of human activity and the damages to the Micro Prespa Lake. Academy of Sciences of Albania. Journal of Natural and Technical Sciences. 2014, Vol. XIX (2)
54. Papadhoppulli I., Fraseri N. A Review of Software Testing Techniques. 2nd RCITD 2014, November 17-21, 2014 (International Virtual Research Conference in Technical Disciplines <http://www.rcitd.com/>)
55. Fraseri A, Bushati S, Fraseri N, Dema A. Generalized Geophysical Overview of Shkoder-Peje Deep Transversal Fracture. XX Congress of the Carpathian Balkan Geological Association, 24-26 September 2014, Tirana
56. Pano N., Bushati S., Fraseri N. Climate Change Impact on Buna. IAEG XII Congress, Torino 15-19 September 2014
57. Fraseri N., Beqiraj G., Bushati S., Fraseri A., Taushani E. Remote Sensing Analysis of the Adriatic Shoreline Movements. International Scientific Conference Integrated Coastal Zone Management In The Adriatic Sea, Institute Of Marine Biology, Kotor, Montenegro 29 September – 1 October 2014.

(Also accepted for ORAL presentation in the The Third International Symposium on Integrated Coastal Zone Management, 14-17 October 2014, Marmara Research Center, TUBITAK, Antalya, Turkey)
58. E.Kolce, N.Fraseri. The Use of Heuristics in Decision Tree Learning Optimization. International Journal of Computer Engineering in Research Trends, v.1, no.3, pp127-130, September 2014
59. K.Hyseni, N.Fraseri. Bind server – an adapter from high level to embedded communication in service oriented architectures. DSC2014 - 9th Annual South East European Doctoral Student Conference. 25-26 September 2014, Thessaloniki, Greece.
60. Arten Avdiu, Neki Fraseri. Knowledge Extraction Model Based on Incremental Mining Using Linked Data. DSC2014 - 9th Annual South East European Doctoral Student Conference. 25-26 September 2014, Thessaloniki, Greece.
61. E.Agastra, E.Zeneli, E.Xhafka, J.Teta, J.Kacani, N.Fraseri, F.Premti, T.Floqi. IPA KHE-STO: An Analysis of Territory for Better Public Transport. The 2nd International Conference on Research and Education Challenges Towards the Future – ICRAE2014, Shkoder, 30-31 May 2014
62. E.Agastra, E.Zeneli, E.Xhafka, J.Teta, J.Kacani, N.Fraseri, F.Premti, T.Floqi. IPA KHE-STO: Enhancing Knowledge for Better Public Transport. 5th International Conference “Information Systems and Technology Innovations: Projecting Trends to a New Economy”. Tirana, June 6-7, 2014
63. N.Fraseri, B.Cico. Error Reduction in Parallel Gravity Inversion. 3rd Mediterranean Conference on Embedded Computing MECO-2014, Budva, 15-19 June 2014
64. K.Hyseni, N.Fraseri. Microcontrollers as components of service oriented architectures. 3rd Mediterranean Conference on Embedded Computing MECO-2014, Budva, 15-19 June 2014
65. G.Beqiraj, N.Fraseri. Pervoja e nje Bashkepunimi Rajonal dhe e Ndikimit ne Kerkimin Shkencor. Konferenca "Java e Shkences 2014", Prishtine 13-16 Maj 2014
66. N.Fraseri. A Model for a Knowledge Management Engine. International Conference "Science, Technology and Innovation in the Prosperous Epoch of the Powerful State", Ashgabat, June 12-14, 2014
67. G.Beqiraj, N.Fraseri. Contradictory sides of information technology for development. International Conference Transition to a New Society, Podgorica 20–22 March 2014,
68. I.Hakrama, N.Fraseri. Artificial Intelligence in Economy: AI Agent-based Methods for Economy. Doctoral Conference on Computer Science and Information Technologies DCCSIT2014, Tetovo 25-26 June 2014
69. A.Avdiu, N.Fraseri. Model for receiving and disseminating knowledge about the capacities of geographical regions based on Linked Data. Doctoral Conference on Computer Science and Information Technologies DCCSIT2014, Tetovo 25-26 June 2014

70. B.Voca, N.Fraseri. *Interoperability of Information Systems: Proposal for Kosovo Health Information System. Doctoral Conference on Computer Science and Information Technologies DCCSIT2014, Tetovo 25-26 June 2014*
71. N.Fraseri, G.Beqiraj, S.Bushati. Environmental Changes of Ohrid-Prespa from Satellite Imagery. Regional International Conference "The System Prespa Lakes – Ohrid Lake: the Actual State – Problems and Perspectives". Struga – Pogradec, 27-29 October 2013.
72. N. Fraseri, S. Bushati, A. Fraseri, B. Cico. Some Results for 3D Gravity Inversion in Parallel Systems. 7th Congress of the BGS – Balkan Geophysical Society, Tirana 7-10 October 2013
73. E. Nishani, B. Cico, N. Fraseri. *Investigating the Performance of Motion Estimation Block-Matching Algorithms on Gpu Cards. Balkan Conference in Informatics BCI'2013, Thessaloniki 19-21 September 2013.*
74. D. Millo, N. Fraseri. *The Economic Advantages of Parallel Computing – Case of a Program Written in Parallel with MPI. International Conference on Information Systems and Technology Innovations IV "Towards a Digital Economy" – ISTI'2013, Tirana 15-16 June 2013*
75. N. Fraseri, J. Bushati. Parallel data processing ~ the present and the future. The 1st international Conference on Research and Education "Challenges Towards the Future" ICRAE 2013, 24-25 may 2013, Shkodra.
76. G. Beqiraj, J. Kacani, N. Fraseri. Teaching eBusiness in Albania. 7th IT STAR WS on Electronic Business. Bari, Italy 3-4 May 2013
77. N. Fraseri, S. Bushati, A. Fraseri. A Parallel Processing Algorithm for Gravity Inversion. European Geosciences Union General Assembly EGU'2013, Vienna 7-12 April 2013
78. N. Fraseri, B. Cico. Scalability of Gravity Inversion with OpenMP and MPI in Parallel Processing. Advances in Intelligent Systems and Computing, Smile Markovski and Marjan Gusev (Eds.) ICT Innovations 2012 Secure and Intelligent Systems, Springer Series vol. 207, 2013.
79. N. Fraseri, B. Cico. Reflections on parallelization of Gravity Inversion. HP-SEE User Forum, 17-19 October 2012, Belgrade, Serbia.
80. N. Fraseri, B. Cico. Computing developments in Albania and it's applications. International Workshop on recent LHC results and related topics. 8-9 October 2012, Tirana, Albania
81. N. Fraseri. HP and High Performance Computing in Albania. HP Solutions Event, 26 Septemebr 2012, Tirana Albania
82. N. Fraseri, B. Cico. Scalability of geophysical Inversion with OpenMP and MPI in Parallel Processing. ICT Innovations 2012. 12 – 15 September, Ohrid, Macedonia.
83. Mariola Pina, Eriona Shabani, Betim Cico, Neki Fraseri. *Scalability in GPU of Metropolis Algorithm for 2D Ising Model. ICT Innovations 2012. 12 – 15 September, Ohrid, Macedonia.*
84. Elma Kolce Cela, Neki Fraseri. *A Literature Review of Data Mining Techniques Used in Healthcare Databases. ICT Innovations 2012. 12 – 15 September, Ohrid, Macedonia.[doc]*
85. E. Sheme, M. Aranitasi, N. Fraseri. *Implementation and evaluation of a sleep-proxy for energy savings in networked computers. BCI;2012, 16-20 Septemebr, Novi-Sad. [doc]*
86. E. Sheme, N. Fraseri. *Implementing and Testing a Sleep-Proxy for Saving Energy in Networked Computers. ISTI'2012 [FECO.UT], 8-9 June 2012. Tirana. [doc]*
87. N. Fraseri, G. Beqiraj, S. Bushati. Analysis of aerosols variations using MODIS images. BALWOIS 2012 - Ohrid, Republic of Macedonia - 28 May, 2 June 2012
88. N. Fraseri, N. Pano, A. Fraseri, G. Beqiraj, S. Bushati, and E. Taska. A review on anthropogenic impact to the Micro Prespa lake and its damages. European Geosciences Union General Assembly 2012, Vienna Austria, 22 – 27 April 2012
89. N. Fraseri, S. Bushati. An Algorithm for Gravity Anomaly Inversion in HPC. SCPE: Scalable Computing: Practice and Experience 2012, vol. 13 no. 2, pp. 51-60 (<http://www.scpe.org/index.php/scpe>).

90. N. Frasheri, B. Cico. Convergence of gravity inversion using OpenMP. XVII Scientific-Professional Information Technology Conference 2012, 27 February - 2 March 2012, Žabljak Montenegro
91. N. Frasheri, B. Cico. Analysis of the Convergence of Iterative Geophysical Inversion in Parallel Systems. Springer Advances in Intelligent and Soft Computing 150: ICT Innovations 2011 (ed. L. Kocarev). Springer-Verlag 2012
92. N. Frasheri, S. Bushati. An Algorithm for Gravity Anomaly Inversion in HPC. SYNASC 2011 - 13th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, September 26-29, 2011, Timisoara, Romania
93. N. Frasheri, B. Cico. Analysis of the Convergence of Iterative Gravity Inversion in Parallel Systems. ICT Innovations 2011 Conference, Macedonian Academy of Sciences and Arts (MANU), Skopje, 14-16 September 2011
94. A. Frasheri, P. Alikaj, N. Frasheri. IP Anomaly Configuration, Survey and Interpretation Problems. 6th Conference and Exhibition of Balkan Geophysical Society, Budapest, 3-6 October, 2011
95. A. Frasheri, N. Pano, S. Bushati, N. Frasheri. "Impakti i ndryshimeve klimatike ne hapësirën bregdetare të Detit Adriatik". International Conference Hydroclimate Resources – An Important Tool For A Sustainable Development Of Albania. INEUM – UPT 16 June 2011, Tirana.
96. N. Frasheri, H. Kopani. SEERA-EI for Promotion of Regional E-Infrastructure. Conference on Information Systems and Technologies and their importance in the Economic Development, Tirana, 10, 11 June 2011
97. N. Frasheri, A. Fundo. Use of Mobile Technologies in Albania – a Case Study. IFIP 11-th International Conference on Social Implications of Computers in Developing Countries. Kathmandu, Nepal, 22-25 May 2011
98. N. Frasheri, A. Frasheri, N. Pano, and S. Bushati. Outlook on seawaters dynamics and geological factors of development of Albanian Adriatic coastline. European Geosciences Union General Assembly 2011, Vienna 03 – 08 April 2011
99. N. Frasheri, B. Cico, A. Fundo. Analysis of Environmental Changes in Shkodra Lake Area Using Remote Sensing. Academy of Sciences of Albania & Academy of Sciences and Arts of Montenegro, International Conference on Shkodra Lake – Status and Perspectives, Podgorica – Shkodra 19 - 21 qershor 2010
100. Neki Frasheri, Betim Cico, Hakik Paci, and Jozef Bushati. Using of remote sensing (satellite images) for assessing the environment situation. BALWOIS'2010, Ohrid 25-29 May 2010
101. Jozef Bushati, Florian Mandia and Neki Frasheri. ICT application for monitoring air pollution in the area of Shkodra Lake. BALWOIS'2010, Ohrid 25-29 May 2010
102. N. Frasheri, B. Cico, H. Paci, Processing of Satellite Images in Space-Time Domain. Springerlink Earth Science Informatics Volume 3 Number 4, 2010
103. Frasheri N., Cico B., Paci H. CHange of Environment using Remote Sensing – CHERS. SEE-GRID-SCI User Forum 2009. Bogazici University, Istanbul, Turkey December 9-10, 2009
104. Cico B., Frasheri N. ICT Education in Albania. ITSTAR Conference on ICT Skills, Education and Certification: the Multi-stakeholder Partnership, Rome 27-29 November 2009
105. Frasheri N. Global Crises and Knowledge management. Faculty of Economy of University of Tirana, International conference on Economic & Social Challenges and Problems at the Time of Crisis, Tirana 1-13 December 2009
106. Frasheri N. Trying to Develop Information Society in Albania - a Case Study. IFIP TC9 & WG9.4 Conference on Assessing the contribution of ICT to Development Goals. Dubai School of Government, Dubai, United Arab Emirates 26-28 May 2009
107. Bushati S., Frasheri N. SDI in Albania. SEESDI'09 Workshop, 4-5 february 2009, Thessaloniki, Greece.
108. Frasheri N., Cico B. CSIRT in Albania. CEENET - CLOSER Workshop Tbilisi. 28 July 2008
109. Frasheri N. Telematic Network and Infrastructure for Universities - Past and Future. Presentation in

Conference “Il sistema delle tele comunicazioni italiano e le prospettive di cooperazione in Albania e nell’area balcanica”, Tirana International Hotel, 15/03/2008

- 110. Frasheri A., Beqiraj G., Frasheri N. A Review of the Application of Geophysical Methods in Exploration for Copper and Chrome Ores in Albania. Monograph. Academy of Sciences of Albania 2008, 450 p. (Monograph)**
111. Kacani J., Beqiraj G., Frasheri N. "Reflections on national ICT strategies in Albania", 3rd IT STAR Workshop on National Information Society Experiences – NISE 08, 8 November 2008, Godollo (Budapest), Hungary
112. Frasheri N. “Reflections on Knowledge Systems”. Third Balkan Conference on Informatics, Sofia 27-29 September 2007.
113. Cico, B., E.Mece (Kajo), N.Frasheri, S.Theodhor, B.Topciu, M.Brumbulli. “Bridging the digital divide in South Eastern Europe – National Report – Albania”. Third Balkan Conference in Informatics (Workshop - Bridging the Digital Divide in South-Eastern Europe), Sofia 27-29 September 2007.
114. Frasheri N. “Security challenges in e-science and e-governance: reflections on policies and practices in developing countries”. NATO ANW – 4th Workshop for Network Policy, Istanbul 2006.
115. N. Pano, A. Frasheri, U. Simeoni, and N. Frasheri, “Outlook on seawater dynamics and geological setting factors for the Albanian Adriatic coastline development”, Academy of Sciences, Albanian Journal of Natural and Technical Sciences no. 1-2, Tirana 2006, p. 152-166.
116. Frasheri N. "Knowledge management for e-governance", Second Balkan Conference on Informatics, Ohrid 17-19 November 2005.
117. Frasheri A., Frasheri N. 2005. Geothermal Energy Resources in Albania. (Country Update paper) World Geothermal Congress, Antalya, Turkey, 25-29 April 2005.
118. "Atlas of geothermal resources in Albania ". Member of Working Group. Polytechnic University of Tirana (Faculty of geology and Mining) and Academy of Sciences of Albania, Tirana 2004.
119. Frasheri N. "Role of NRENs in framework of information society". NATO ANW – 4th Workshop for Network Management, Chisinau 2004.
120. "The Virtual Network Operations Center and Network Management Framework in SEEREN". Co-author. TERENA-s TNC'2004 Conference, Rhodes, 2004.
121. Pano N., Frasheri A., Beqiraj G., Frasheri N., Haska H. 2004. Outlook on damages caused from anthropogeneous impact on Micro Prespa Lake. Bulletin of Geological Sciences, Nr. 1, pp.83-93, Geological Survey of Albania.
122. Pano N., Frasheri A., Beqiraj G., Frasheri N., 2004. Influence of the social-economic activity on Prespa Lakes System. Conference “Ecosystem Ohrid-Prespa, studies, results and problems. Hydrometeorological Institute, Academy of Sciences, Tirana, Pogradec.
123. G. Beqiraj; N. Frasheri. INIMA and its contribution in ICT development. Iniziative scientifiche dell’ambasciata d’Italia, anno 2004, Sustainable Development for Albania, Shkoder, 9-10 July 2004
124. N. Frasheri. Strategies for e-governance: an Albanian case study. Submitted in WCC2004-I3E
125. G. Beqiraj, N. Frasheri. To build or not to build an academic network an Albanian experience - “waiting for Godot”. 2004.
126. Frasheri N., Beqiraj G. "Millennium challenges for Albanian academic network". International Conference of SSGRR on Development of Electronic Infrastructure for Business, Education, Science, Health and Portable Technologies on the Internet. L'Aquila 2003.
127. Frasheri N. "Democracy and security challenges on the Internet ". First Balkan Conference on Informatics, Thessaloniki 2003.
128. Frasheri N., Premti F. "Regional security and communication protection seen from users’ perspective". Southeast European Conference on Regional Security through Protection of Data. Belgrade 2003.
129. Pano N. Frasheri A., Beqiraj G., Frasheri N., 2003. “Limnology of Prespa Lakes System and uncontrolled

- anthropogenic impact on Micro Prespa Lake”, Inter-Balkanik Conference, Thessaloniki, October 2003
130. Pano N., Frasher A., Beqiraj G., Frasher N., 2003. “Outlook on impact of the uncontrolled anthropogenic activity on the Micro Prespa lake damage”. International Seminar: Strategy of sustainable development options for scientific, technologic and cultural collaboration: Sustainable managing of the inland and marine waters of Albania. Embassy of Italy in Albania, Ministry of Education and Sciences of Republic of Albania., Shkoder, December 2003.
 131. Frasher N. “Reflections on development of Albanian Academic Network”. NATO ANW & CEENet Third Workshop on Network Management, 22-24 September 2002, Zagreb Croatia.
 132. N. Frasher. Challenges on Democracy and Security on the Internet. INET’2002 – Internet Crossroads Where Technology And Policy Intersect. 18-21 June, 2002, Arlington, Virginia, USA.
 133. Frasher A., Alikaj P., Frasher N., Çanga B., 2002. Dipole - dipole array configuration In the framework of the reciprocity principle. 3rd Congress of Balkan Geophysical Society. Sofia 24-28 May, 2002. Bulgaria.
 134. Pano, N., Frasher A., Frasher N., Çanga B., 2002. Outlook on uncontrolled anthropogenic impact for damages to the micro Prespa lake. 3rd Congress of Balkan Geophysical Society. Sofia 24-28 May, 2002. Bulgaria.
 135. Frasher N. “Critical view of e-governance challenges for developing countries”. IFIP WG9.4 Work Conference ICT and Development, May 2002, Bangalore India
 136. Frasher N. “Albanian eLearning possibilities - the past, the present, the future”. WIGW Initiative eLearning Workshop, February 2002, Karlsruhe Germany.
 137. Frasher N. “The Albanian academic network - the present and future”. High Ranking Experts Workshop, UNESCO, 12 January 2002
 - A. Frasher, P. Alikaj, N. Frasher. Some theoretical problems on IP data interpretation. QUANTEC GEOSCIENCE Inc., Tirana / Albania – Waterdown / Canada. 2001
 138. Frasher N. “Cooperation and security challenges for a small country”. Information Tehcnology and International Cooperation Seminar, SSRC, UC Berkeley. July 2001. Berkeley US
 139. Frasher N. Cooperation and security challenges for a small country. Information Tehcnology and International Cooperation Seminar, SSRC, UC Berkeley July 2001. Berkeley US.
<http://arxiv.org/pdf/1312.2246>
 140. Pano N., Frasher A., Beqiraj G., Frasher N. Outlook on Uncontrolled Anthropogenic Impact for Damages to the Mikro Prespa Lake. European Geophysical Society General Assembly, Nice, France, 25-30 March 2001.

Publications: 1981 – 2000

141. Pano N., Frasher A., Beqiraj G., Frasher A. 2000. Hydrological regime of the Albanian lake system and the evaluation of impact from different activities. 8th Albanian Congress of Geosciences, 6-8 November, 2000, Tirana.
- N. Frasher. Hapesirat informatike dhe komunikimi – realitete dhe sfida. Drejtorja e Pergjithshme e Arkivave te Shqiperise, Seminari Nderkombetar “Nga Doreshkrimi te Dokumenti Elektronik”, Tirane 11-12 tetor 2000
142. Frasher N. Recent IST development in Albania - new trends and new problems. IFIP WG 9.4 Conference “Information flows, local improvisations and work practices”, 24-26 May 2000, Cape-Town, South Africa
143. Frasher A. Frasher N. 2000. Finite element modeling of IP anomalous effect from ore bodies of any geometrical shape located in rugged relief area. Journal of Balkan Geophysical Society. No. 1, 2000.
144. Frasher A., Frasher N. 1999. IP anomalous effect conditioned by rugged relief and orientation of the polarizing current vector. Second Balkan Geophysical Congress and Exhibition, Istanbul July 5-9, 1999.
145. Frasher N., Frasher A., 1998. Finite element modelling of IP anomalous effect from bodies of any

- geometrical shape located in rugged relief area. (In English). Albanian Journal of Natural & Technical Sciences, Nr. 4, 1998. Academy of Sciences of Republic of Albania. Tirana.
146. Frasheri N. Reflection of policies for effectiveness of IS implementations in Dcs. Newsletter of IFIP WG 9.4 and Commonwealth Network for Information Technology, v.8, no.3, July 1998.
 147. Beqiraj G., Frasheri N., Albania - contradictory story of applied information systems. Albanian Journal of Natural and Technical Sciences no.5, 1998.
 148. G.Beqiraj, N.Frasheri. Albania - contradictory story of applied information systems. IFIP WG 9.4 International Working Conference "Implementation and evaluation of information systems in developing countries", 18-20 February 1998, Bangkok - Thailand.
 149. "Aplikimi i teknologjive te informacionit nga sektori publik ne Shqiperi", First Inter-Balkan Forum on Information Technology, Selanik 1998, bashkeautor.
 150. Frasheri A., Frasheri N. 1997. Finite element modeling of IP anomalous effect from ore bodies of any geometrical shape located in rugged relief area. EAGE International Geoscience Conference & Exhibition Moscow; September 15-18, 1997. Moscow, Russia.
 151. "Shqiperia - duke kapercyer forcat monopolistike", On the Internet - International Publication of the Internet Society, Nov-Dec. 1997.
 152. "Interneti - dicka e thjeshte", Albanian Business Forum v.2, nr.20, Tirane 1997.
 153. "Zhvillimi i rrjetave ne Shqiperi - kriza dhe perspektiva", Proceedings, International Symposium on Network Information Processing Systems NIPS'97, Sofie 1997.
 154. "Numerical solution of differential equations used in electrometry", Sesion i vecante i Annual International Conventing Trade Show, Prospectors & Developers Association of Canada 65-th Annual Convection Canada'97 PDAC, Toronto 1997.
 155. "Aplikimet e para WEB ne Shqiperi", European Research Consortium in Informatics and Mathematics ERCIM News nr. 25, 1996.
 156. "Projekti Etcetera - pike kthese per zhvillimin e sherbimeve telematike ne Shqiperi", Albanian Business Forum v.1, nr.1, Tirane 1996.
 157. "Zhvillimet e fundit te rrjetave te kompjuterave ne Shqiperi", Proceedings, International Workshop on Networks and Information Services in CEE Countries, Blagoevgrad 1996, bashkeautor.
 158. **A. Frasheri, Dh. Tole, N. Frasheri 1990 "Finite element modelling of induced polarisation electric potential field propagation caused by ore bodies of any geometrical shape in mountainous relief". Communications, Series C, "Biology and Geological Engineering", vol. 8, pp.13-26 University of Ankara.**
 - 159.2. "Zbatimi i elementeve te fundme per zgjidhje detyrash te kerkimeve elektrometrike te vendburimeve te bakrit dhe kromit", Konferenca II Kombetare e Matematikes dhe Informatikes, Tirane 1989, bashkeautor.
 - 160.3. "Disa elemente te drejtimit te burimeve te rrjetit informatik", Konferenca II Kombetare e Matematikes dhe Informatikes, Tirane 1989, bashkeautor.
 - 161.4. "Perpunimi i informacioneve tabelore me ndihmen e algoritmeve te pergjithesuar", Konferenca II Kombetare e Matematikes dhe Informatikes, Tirane 1989.
 162. "Disa rezultate mbi perpunimin e tabelave ne mikroordinator", Buletini i Shkencave te Natyres nr. 2, Tirane 1988, f. 21-25.
 163. Frasheri A., Avxhiu R., Frasheri N. 1987. The influence of array position in relation with the ore body in the configuration of IP anomalies in chrome and copper explorations. Bulletin of Geological Sciences (Tirana) No. 3, 143 - 54, (in Albanian, summary English).
 164. "Percaktimi i densitetit linear te ngarkesave me metoden e induksionit elektrostatik", Buletini i Shkencave te Natyres nr. 4, Tirane 1986, f. 35-41, bashkeautor.

165. "Perpunimi sizmik dhe ordinatorët e rrjetit informatik", Sesioni Shkencor "Informatika dhe zhvillimi i ekonomisë së vendit", Tirane 1986, bashkeautor.
166. "Futja e metodave matematiko-informatike në llogaritjet konstruktive të digave", Sesioni Shkencor "Informatika dhe zhvillimi i ekonomisë së vendit", Tirane 1986, bashkeautor.
167. "Mbi ndertimin automatik të funksioneve të formës në metodën e elementeve të fundme", Buletini i Shkencave të Natyrës nr. 1, Tirane 1985, f. 9-14.
168. "Një algoritëm për ndertimin e matricës së ngurtësive të elementeve të Hermitit për ekuacionet biharmonike", Buletini i Shkencave të Natyrës nr. 3, Tirane 1985, f. 29-34.
169. "Zhvillimi i rrjetave të kompjuterave në Shqipëri", Proceedings, Joint European Networking Conference JENC'6, Tel-Aviv 1995, bashkeautor.
170. "Hiperteksti në Shqipëri", Proceedings, International Workshop for Hypermedia Design IWHD'95, Montpellier 1995, bashkeautor.
171. "Përdorimi i elementeve të fundme plane dhe boshtsimetrike në studimin e gjendjes së sforcuar vëllimore", Buletini i Shkencave të Natyrës nr. 2, Tirane 1984, f.15-19, bashkeautor.
172. Frasheri A., Tole Dh., Frasheri N. 1984. An algorithm to study the scattering of electrical field in the media divided by curved surfaces by finite element method. Bulletin of University of Tirana, Series of Natural Sciences No. 1, 22-31, (in Albanian, summary in French).
173. "Dy elemente katërnjore superparametrike për zgjidhjen e ekuacioneve eliptike në zonë të pafundme", Buletini i Shkencave të Natyrës nr. 1, Tirane 1983, f. 17-23.
174. "Metoda e elementeve të fundme në zgjidhjen e disa problemeve të teknikës", Konferenca e I Kombëtare e Matematikës, Tirane 1983, bashkeautor.
175. "Aspekte të sistemeve të shfrytëzimit dhe të gjuheve të programimit", Konferenca e I Kombëtare e Matematikës, Tirane 1983, bashkeautor.
176. "Modelimi i fushave elektrike të qendrueshme në tokë me metodën e elementeve të fundme", Buletini i Shkencave të Natyrës nr. 3, Tirane 1981, f. 21-25, bashkeautor.
177. "Përdorimi i analizës spektrale për filtrimin e të dhënave gjeofizike", Permbledhje studimesh nr.2, Instituti i Studimeve dhe Projektimeve të Gjeologjisë, Tirane 1981, f. 109-116, bashkeautor.
178. Frasheri A., Duka B., Frasheri N. 1981. Computation of magnetic anomalies created by currents of a polarized sphere. Bulletin of University of Tirana, Series of Natural Sciences No. 2, 39-50, (in Albanian, summary in French).
179. Frasheri A., Duka B., Lico R., Frasheri N. 1981. Theoretical model of the scattering of the self potential field on the oil and gas reservoirs. Bulletin of Oil and Gas No. 1, 97-113 Fier, (in Albanian, summary in English).
180. "Përdorimi i metodës së elementeve të fundme në zgjidhjen e problemeve të gjendjes së tensionuar boshtsimetrike", Buletini i Shkencave të Natyrës nr. 1, Tirane 1981, f. 21-30, bashkeautor.
181. "Përdorimi i metodës të planifikimit dhe drejtimit të rrjetor në organizimin zinxhir të punimeve", Buletini i Shkencave të Natyrës nr. 2, Tirane 1980, f. 15-22.
182. "Mbi përdorimin e makinave elektronike llogaritëse në dimensionimin e kapriatave", Ndertuesi nr. 2 (59), Tirane 1979, f. 27-30.
183. "Një algoritëm për llogaritjen e kurbave teorike të sondimeve vertikale elektrike", Buletini i Shkencave të Natyrës nr. 2, Tirane 1979, f. 25-34, bashkeautor.
- 184.

A. Tekste

1. “Elektrometria (mesime praktike)”, 2 vol., vol. 1 330 faqe, vol. 2 290 faqe, botim i Universitetit te Tiranes, Tirane 1985, bashkeautor.
2. “Integrimi numerik i ekuacioneve diferenciale”, 106 faqe, botim i Universitetit te Tiranes 1988.
3. “Struktura dhe funksionimi i ordinatoreve”, 125 faqe, Shtepia Botuese e Librit Universitar, Tirane 1989.
4. “Informatika per vitin e pare te shkolles se mesme”, Shtepia Botuese e Librit Shkollor, Tirane 1999, Bashkeautor.

D. Raporte Teknike

1. “Llogaritja e kurbave teorike te sondimeve vertikale elektrike”, tema mbi studimin e shelfit te Adriatikut, Fondi i Fakultetit te Gjeologjise e Minierave, Tirane 1978, bashkeautor.
2. “Studim mbi organizimin e punimeve te ndertim - montimit sipas metodave te planifikimit dhe drejtimit rrjetor”, Fondi i Institutit te Studimeve dhe Projekttimeve te Ndertimit nr. 4, Tirane 1980, bashkeautor.
3. “Modelimi i prerjeve gjeoelektrike me elementet e fundme”, 34 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1988, bashkeautor.
4. “Llogaritja e pllakave te holla ne perkulje te paster me ndihmen e elementeve te fundme”, 27 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1984 - 1989.
5. “Transferimi i skedareve midis MICRAL9050 dhe DPS7 - GCOS7”, 2 pjese 30 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1989 - 1990.
6. “Trajtimi i shiritave magnetike jo standarde ne sistemin DPS7 - GCOS64 te rrjetit informatik”, 20 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1989.
7. “Trajtimi i shiritave magnetike te demtuar ne sistemin DPS7 - GCOS7 te rrjetit informatik”, 63 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1989.
8. “Inicializimi, ruajtja e informacioneve dhe perpunimi i statistikave ne sistemet DPS7 te rrjetit informatik”, 2 pjese 77 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1990.
9. “Lidhja e vizatuesit BENSON ne DPS7 - GCOS7V3 nepermjet UCLA&BTNS dhe DATANET”, 7 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1990
10. “Transferimi i skedareve MINI6 – DPS7”, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1990, Bashkeautor.
11. “Trajtimi i magazinave te pjeseve te ndrimt ne Kombinatin e Tekstileve Tirane”, 24 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1990.
12. “Trajtimi i tabelave: programet ALFA dhe BETA per sintetizimin automatik te tabelave”, 50 faqe, Arkiva e Institutit te Informatikes dhe Matematikes se Aplikuar, Tirane 1991.