

NIKOLAY ANISIMOV, PH.D.

Concord, CA, USA

anisimov@computer.org<http://www.fiztech-usa.net/anisimov/>

Cell: 925.550.9730

<http://www.linkedin.com/in/nikolayanisimov>

ADDENDUM

SELECTED PATENTS

Author/coauthor of 69 US patents ([47 issued](#), [22 pending](#)) and more than 40 international ones submitted in Europe, Japan, and China, including:

- "Method for Assembling a Business Process and for Orchestrating the Process Based on Process Beneficiary Information". (with Vladimir Mezhibovsky, Brian Galvin) [US Patent No. 10,171,655](#). January 1, 2019
- "System and Methods for Outbound Dialing in Multi-Campaign and Blended Environment of Virtual Contact Center", (with Dmitry Spasibenko, Sam Shkrabov, David Van Everen). [US Patent No. 8,699,699.](#) US Patent No. [8,948,373](#). February 3, 2015
- "System and Methods for Integrating Short Message Service Messaging with Contact Center Applications", (With Yevgeniy Petrovykh, Sergey B. Belov, Mark Scott) [US Patent No. 8,229,484](#) . July 24, 2012.
- "Method for Implementing and Executing Communication Center Routing Strategies Represented in Extensible Markup Language". (With David Anderson, Colin Leonard, Yi Zhang, Herbert Ristock, Petr Makagon, Vitaliy Teryoshin) [US Patent No. 7,907,598](#). March 15, 2011.
- "Method and apparatus enabling voice-based management of state and interaction of a remote knowledge worker in a contact center environment". (with Petr Makagon, Andrey Ryabchun) [US Patent No. 7,222,301](#), [US Patent App. No. 20060095568](#)
- "Method and Apparatus for Extended Management of State and Interaction of a Remote Knowledge Worker from a Contact Center". (With Vladimir Deryugin, Patric Giacomini, Petr Makagon, Andrey Ryabchun) US Patent No. [6,985,943](#), [7,373,405](#), [7,565,428](#), [Patent Application No.: 20080222240](#), [EP1408678](#).
- "Using XML Expressed Primitives for Platform and System-Independent Call Modeling ", (with Gregory Pogosyants, Dan Kikinis) [US Patent No. 6,985,478](#), [US Patent App. 20060034262](#).
- "Method for Predicting and Managing Call Load by Determining the Optimum Frequency of Outbound Call Generation During an Out-Bound Calling Campaign From a Call Center" (with Konstatin Kishinsky, Nikolay Korolev, Gregory Pogossians, Yuri Shtivelman, Vadim Zyarko), US Patent No. [6,449,358](#), [US Pat. App. 20030043832](#).
- "Method and Apparatus for Distributing Computer Integrated Telephony (CTI) Scripts using Extensible Mark-up Language (XML) for Mixed Platform Distribution and Third Party Manipulation" (with Konstantin Kishinski, Gregory Pogosyants, Pavel Postupalski), US Patent No. [6,286,033](#).
- "Method for estimating telephony system-queue waiting time in an agent level routing environment". (with Yuri Shtivelman, Gregory Pogossians, Vladimir N. Deryugin, Dmytro G. Balkin, Luben Gueorguiev Stoilov) US patent No.: [6,157,655](#), [6,898,190](#), [Patent. App. 20050207559](#).
- "Telephony Call-Center Scripting by Petri Net Principles and Techniques", (with Konstantin Kishinsky) [US Patent No. 6,067,357](#), [US Patent No. 6,178,239](#), [EP1066581](#).

SELECTED PUBLICATIONS

Author / coauthor of more than 90 publications in reviewed journals and conference proceedings including:

- Nikolay Korolev, Herbert Ristock, Nikolay Anisimov.
[Modeling and Simulation of a Pacing Engine for Proactive Campaigns in Contact Center Environment.](#)
In Proceedings of the 2008 ACM Spring Simulation Multiconference (SpringSim'08). 2008 Business and Industry Symposium (BIS'08). April 14 -17, 2008, Ottawa, Canada, pp. 249-255, ACM Press (New York, NY, USA), ISBN: 1-56555-319-5.
- Nikolay Anisimov, Brian Galvin, Herbert Ristock. [XML-Based Multimodal Interaction Framework for Contact Center Applications.](#)
In Proceedings of the 16th International World Wide Web Conference ([WWW 2007](#)), Banff, Alberta, Canada, May 8-12, 2007, pp. 1349-1350. ACM Press, ISBN: 978-1-59593-654-7. [[pdf](#), [html](#) on onference site]
- Nikolay Anisimov, Brian Galvin, Herbert Ristock.
[XML based Framework for Contact Center Applications.](#)
In: Filipe J. *et al* (Eds). Proceedings of [3rd International Conference on Web Information Systems and Technologies \(WEBIST 2007\)](#), Barcelona, Spain, March 3-6, 2007. Vol. 1, pp.443-450. ISBN: 978-972-8865-77-1.
- A.Miloslavsky, V.Antonov, L.Yegoshin, S.Shkrabov, J.Boyle, G.Pogosityants, N.Anisimov.
[Third-party Call Control in H.323 Networks – A Case Study.](#)
In: P. Lorenz (Ed.) Networking -- ICN 2001. Lecture Notes in Computer Science, Vol.2094, Springer Verlag, pp.559-569. ISBN 3-540-42303-6
- Anisimov N.A., Golenkov E.A., Kharitonov D.P.
[Compositional Petri Net Approach to the Development of Concurrent and Distributed Systems.](#)
Programming and Computer Software. 2001, Vol.27, No.6, pp.309-319. ISSN: 0361-7688.
Also published in Russian in: [Programming Journal](#) (Russia), No.6, 2001, pp.30-43 [[PDF](#)]
- A.Miloslavsky, V.Antonov, L.Yegoshin, S.Shkrabov, J.Boyle, G.Pogosityants, N.Anisimov.
[Third-party Call Control in VoIP Networks for Call Center Applications.](#)
In: Proceedings of IEEE Intelligent Network Workshop 2001 (IN'2001), May 6-9, 2001, Boston, MA, USA, pp.161-167. ISBN 0-7803-7047-3.
- Anisimov N.A, Kovalenko A.A., Postupalski P.A., Vuong S.T.
[Application of Compositional Petri Nets and PN³-Tool to the Specification of Distributed Multimedia Objects.](#)
In: Advances in Distributed Multimedia Systems. Eds. S.K.Chang et al., 1999, World Scientific (Singapore), pp.99-116. ISBN 981-02-3560-7
- Anisimov N.A, Kishinski K.P., Miloslavski A.
[Formal Model, Language and Tool for Design Agent's Scenarios in Call Center Systems.](#)
In: Proceedings of the 32nd Hawaii International Conference on System Sciences (HICSS-99), (Hawaii, USA, January 4-8, 1999). Volume: Track 8, IEEE Computer Press. ISBN: 0-7695-0001-3, 9 pp. [[PDF - Conference site](#)]
- Anisimov N.A, Miloslavski A., Pogosityants G.
[Feature Interaction Problem in Computer Telephony Integration Systems.](#)
In: Feature Interactions in Telecommunications and Software systems V, K.Kimble, L.G.Bouma (Eds), IOS Press, 1998, pp.73-77, ISBN 90-5199-431-1
- Anisimov N.A, Kishinski K.P., Miloslavski A, Postupalski P.A.
[Macroplaces in High Level Petri Nets: Application for Design Inbound Call Center.](#)
In: Proceedings of the Int. Conference on Information Systems Analysis and Synthesis (ISAS'96), pp.153-160 (Orlando, Florida, USA, July 22-26, 1996).

- Anisimov N.A., Koutny M.
[Compositional Petri Nets in Protocol Engineering.](#)
Technical Report No.575, Department of Computing Science, University of Newcastle upon Tyne, UK (February, 1997).
- Anisimov N.A., Koutny M.
[On Compositionality and Petri Nets in Protocol Engineering.](#)
In: Protocol Specification, Testing and Verification, XV. Chapman & Hall, pp.71-86, 1996. ISBN 0-412-71630-8
- Anisimov N.A.
[An Algebra of Regular Macronets for Formal Specification of Communication Protocols.](#)
Computers and Artificial Intelligence, Vol. 10, pp.541-560 (1991). ISSN 0232-0274
- Anisimov N.A.
[Hierarchical Composition of Communication Protocols.](#)
Automation Control and Computer Science, Vol.24, No.1, pp.1-8, 1990 (Allerton Press Inc., N.Y., USA) ISSN: 0146-4116

RECENT PRESENTATIONS

- International Workshop on System Software Engineering, Vancouver, Canada, August, 25-28, 2014
- 16th International World Wide Web Conference, Banff, Alberta, Canada, May 8-12, 2007
- 3rd International Conference on Web Information Systems and Technologies (WEBIST 2007, Barcelona, Spain, March 3-6, 2007)
- IADIS International Conference WWW/Internet 2006 (Murcia, Spain, October 5 - 8, 2006),
- 32nd Hawaii International Conference on System Sciences, (Hawaii, USA, January 4-8, 1999).
- 1998 IEEE International Conference on Systems, Man, and Cybernetics, (San Diego, CA, October 11-14, 1998).
- 5th International Workshop "Feature Interactions in Telecommunications and Software Systems", (Lund, Sweden, September 29-30, 1998).
- International Workshop on Workflow Management: Net-based Concepts, Models, Techniques, and Tools, (Lisbon, Portugal, June 23, 1998),
- Fourth Pacific Workshop on Distributed Multimedia Systems (DMS'97), (Vancouver, Canada, July 23-25, 1997)
- International Conference on Information Systems Analysis and Synthesis (ISAS'96), (Orlando, Florida, USA, July 22-26, 1996)
- First IEEE Annual Conference on Emerging Technologies Applications in Communications (etaCOM'96), (Portland, OR, USA, May 6-10, 1996)
- First IEEE Aizu International Symposium on Parallel Algorithms / Architecture Synthesis (pAs-95), (Aizu-Wakamatsu, Japan, March 15-17, 1995).

OTHER TITLES, DEGREES, AWARDS

- 2005, Distinguished Member of Alcatel-Lucent Technical Academy (ALTA)
- 1995, Doctor of Applied Sciences (second doctoral degree equivalent to Habilitation in Europe), Computer Sciences, Russian Academy of Sciences, Russia
- 1991, The Young Scientist Award from the Russian Parallel Computer Association
- 1990, Senior Research Fellow in Computer Sciences from the Supreme Attestation Committee, Moscow, Russia
- 1981, Bronze medal from General Committee of the USSR Exhibition of Economic Achievements