

THE SCIENTIFIC CURRICULUM VITAE

1. Surname, first name and patronymic		Address and phone		Full years	
Vetrov Anatoly Nikolaevich, “the author of the unique technology” of cognitive modeling for the system, financial and complex analysis (at the micro-level)”		RF, 195248, Saint-Petersburg city, pr. Energetikov, h. 36, fl. 82, Phone: +7(812)222-5291 (home), +7(812)950-2706 (cellular)		39	
2. The specialty and specialization		The average point of record book	The average point on disciplines of specialization	The mark on the preliminary defence of diploma project	
“Control and informatics in technical systems” (engineer, “SPbSETU "LETI"”, the 11 th of February 2003 y.)		4,8	5	5	
“Operation and repair of ship fighting information control systems” (automated control systems of submarines) (lieutenant of “NAVY of RF”, “MU-3”, engineer, “SPbSETU "LETI"”, the 11 th of February 2003 y.)		5	5	5	
“Finance and credit”: “Banking” (expert-economist, “IBI”, the 24 th of June 2004 y.)		5	5	5	
3. The name of average comprehensive school		The direction of specialization of class		The average point in certificate	
151, 265, 141, 161 (1997 y.)		class of excellent students		4,7	
4. The level of proficiency in foreign language		I understand written speech	I understand oral speech	I speak	I write
English		+	+	+	+
Spanish		+	-	-	+
5. The theme of diploma work		HEI and year of graduation (defence)		The scientific supervisor	The mark
“The development of the working demonstrational prototype of the expert system of training” (“SPbSETU "LETI"”, 2003 y.)				the head of the chair “ACP” of “SPbSETU "LETI"”, c.t.s., professor Kuzmin N.N.	5
“Fighting information-control systems of automated control systems of submarines: the device 101 and the device 107” (“SPbSETU "LETI"”, 2003 y.)				the dean of “FMT” of “SPbSETU "LETI"”, captain of the 1 st rank Korshunov I.L.	5
“The international standards of financial report documentation: the features of transformation (of the financial report documentation on RAS in to the financial report documentation on IAS based on the cognitive modeling technology)” (“IBI”, 2004 y.)				the head of the chair “B” of “IBI” and “SPbSUEF "FINEC"”, d.e.s., professor Beloglazova G.N.	5
6. The current palace of work					
I did not work, was engaged in scientific-research work (I prepared to the defence of dissertations on the technics and economics, I corresponded with publishing houses of scientific journals and also I developed the applications on the regional and international scientific competitions)					
7. The previous palace of work					
From the 01 st of September 2003 y. to the 31 st of August 2006 y. I worked at the chair “ACP” of “SPbSETU "LETI"” as the teacher of the discipline “Intellectual technologies and representation of knowledge”: I independently gave the practical training in two groups of full-time (day) department. From the 01 st of September 2004 y. to the 31 st of August 2010 y. I worked at the chair “ACP” of “SPbSETU "LETI"” as the teacher of the discipline “Informatics” (I independently developed the course of lectures): I gave lectures in six groups of full-time (day) department and two groups of evening department and I carried out the laboratory practical work in three groups of full-time (day) department and two groups of evening department. From the 01 st of September 2010 y. I was engaged in dissertations on technics and economics, I developed scientific works, and also I participated in the regional and international competitions for the receiving of scientific recognition.					

8. The theme of diploma project of pupil		The year of defence	The mark
1.	<p>“The program toolkit of qualification estimation of the professional participants of the securities market” (“SPbSETU "LETI"”, gr. 8832, Zinovyeva N.N., the mark “excellent”)</p>	2004 y.	5
2.	<p>“The diagnostic module of the open educational portal for the tasks of the information environment of the automated remote training” (“SPbSETU "LETI"”, gr. 9832, Blinkov R.Yu., the mark “excellent”)</p>	2005 y.	5
3.	<p>“The program toolkit of diagnostics of the level of convergent intellectual abilities of the cognitive model of the examinee for the tasks of the information environment of the adaptive training” (“SPbSETU "LETI"”, gr. 9832, Tasoyeva E.B., the mark “excellent”)</p>	2005 y.	5
4.	<p>“The program toolkit of diagnostics of the level of divergent intellectual abilities of the cognitive model of the examinee for the tasks of the information environment of the adaptive training” (“SPbSETU "LETI"”, gr. 9832, Fedoseyeva N.A., the mark “good”)</p>	2005 y.	4
5.	<p>“The program realization of the procedure of diagnostics of the achromatic and chromatic field of vision of the cognitive model of the subject of training for the analysis of the automated educational environment” (“SPbSETU "LETI"”, gr. 2321, Prikhodko D.Yu., the mark “good”)</p>	2008 y.	4
6.	<p>“The program realization of the procedure of diagnostics of the parameters of color perception of the cognitive model of the trainee for the analysis of the information environment of automated training” (“SPbSETU "LETI"”, gr. 3321, Shaposhnikov A.V., the mark “excellent”)</p>	2009 y.	5
7.	<p>“The program realization of the procedure of diagnostics of the cognitive styles of the cognitive model of the trainee for the analysis of the information environment of automated training” (“SPbSETU "LETI"”, gr. 3831, Anufriyeva O.K., the mark “good”)</p>	2009 y.	4
8.	<p>“The program realization of the procedure of diagnostics of the acuity of vision of the cognitive model of the trainee for the analysis of the information environment of automated training” (“SPbSETU "LETI"”, gr. 3831, Karyukhina A.P., the mark “good”)</p>	2009 y.	4
9.	<p>“The program realization of the procedure of the electronic dean’s office for the support of the system analysis of the information-educational environment based on the cognitive modeling technology” (“SPbSETU "LETI"”, gr. 4832, Andreyeva K.A., the mark “good”)</p>	2010 y.	4
10.	<p>“The program realization of the procedure of the electronic laboratory practical work of the automated training system with the properties of adaptation based on the parametrical cognitive models block” (“SPbSETU "LETI"”, gr. 4832, Bocharova L.N., the mark “excellent”)</p>	2010 y.	5

9. The scientific publications			
	The name of publication	The source of publication	The year
1.	01 textbook and 03 methodical instructions to the laboratory practical works on the discipline "Informatics" ("Computer science"); 01 textbook (10 volumes) on the discipline "Finance, monetary circulation and credit"; 02 sections in the collective monography of "IHEAS"; 10 learning manuals and scientific monographies (with coauthors), 49 learning manuals and scientific monographies (without coauthors); 02 reports on the individual initiative SRW, 01 appendix to the report on the ind. init. SRW; 14 scientific articles in the scientific journals, rec. by "HAC of RF", from them 05 scientific articles dep. in "VINITI" of "RAS"; 182 scientific reports in the materials of 39 international scientific conferences	see the list of scientific works	from 1997 y. to 2018 y.
10. The participation in work of scientific conferences			
	The name and section of conference	The degree of participation	The accepting organization, the date of holding
1.	The II nd international scientific-practical conference "Actual problems of economics and new technologies of teaching (Smirnov readings)", the section "Modern technologies of training", the section "Educational politics and new technologies of teaching"	Author and speaker (03 reports)	"IBI" ("IHEAS"), the 12 th -13 th of March 2003 y.
2.	The IX th international scientific-methodical conference "Modern technologies of training", the section "Technologies of training"	Author and speaker (01 report)	"SPbSETU "LETI" ("IHEAS"), the 23 rd of April 2003 y.
3.	The III rd international scientific-practical conference "Actual problems of economics and new technologies of teaching (Smirnov readings)", the section "Educational politics and new technologies of teaching", the section "Mathematical methods and information technologies in economics", the section "Humanitarian and social knowledge and their role in economics and education"	Author and speaker (04 reports)	"IBI" ("IHEAS"), the 11 th -13 th of March 2004 y.
4.	The II nd international scientific-methodical conference "Quality management in modern High school (HEI)", the section "Quality management in High school (HEI)"	Author and speaker (02 reports)	"IBI" ("IHEAS"), the 17 th -18 th of June 2004 y.
5.	The IV th international scientific-practical conference "Actual problems of economics and new technologies of teaching (Smirnov readings)", the section "Innovative technologies of education"	Author and speaker (03 reports)	"IBI" ("IHEAS"), the 15 th -16 th of March 2005 y.
6.	The III rd international scientific-methodical conference "Quality management in modern High school (HEI)", the section "Monitoring and support of the quality management system"	Author and speaker (01 report)	"IBI" ("IHEAS"), the 21 st -22 nd of June 2005 y.
7.	"The 4th All-Russian scientific conference" ("RAS") "Control and information technologies", the section "Information technologies of control and modeling"	Author and speaker (02 reports)	"CSRI "Electric-device", "SPbSETU "LETI" ("RAS"), the 10 th -12 th of October 2006 y.
8.	The international conference ("ANAS") "Problems of cybernetics and informatics (computer science)", the section "Problems of control and the system analysis"	Author and speaker (01 report)	"ANAS – The Azerbaijan national academy of sciences", the 24 th -26 th of October 2006 y.
9.	The VI th international scientific-practical conference "Actual problems of economics and new technologies of teaching (Smirnov readings)", the section "Educational politics and new technologies of teaching"	Author and speaker (02 reports)	"IBI" ("IHEAS"), the 13 th -14 th of March 2007 y.
10.	The XIII th international scientific-practical conference "Modern education: contents, technologies, quality", the section "Perspective technologies of training"	Author and speaker (01 report)	"SPbSETU "LETI" ("IHEAS"), the 19 th of April 2007 y.
11.	The V th international scientific-methodical conference "Quality management in modern High school (HEI)", the section "Creation of the quality management system", the section "Improvement of the quality management system in HEI"	Author and speaker (02 reports)	"IBI" ("IHEAS"), the 21 st -22 nd of June 2007 y.
12.	The VII th international scientific-practical conference "Actual problems of economics and new technologies of teaching (Smirnov readings)", the section "New technologies of teaching"	Author and speaker (01 report)	"IBI" ("IHEAS"), the 13 th -14 th of March 2008 y.

13.	The VIII th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Educational politics and new technologies of teaching”	Author and speaker (01 report)	“IBI” (“IHEAS”), the 11 th -13 th of March 2009 y.
14.	The XV th international conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training”, the section “Quality management of education”	Author and speaker (02 reports)	“SPbSETU "LETI"” (“IHEAS”), the 22 nd of April 2009 y.
15.	The VII th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Monitoring and support of the quality management system”	Author and speaker (02 reports)	“IBI” (“IHEAS”), the 18 th -19 th of June 2009 y.
16.	The IX th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Quality management of education in modern High school (HEI)”	Author and speaker (01 report)	“IBI” (“IHEAS”), the 16 th -17 th of March 2010 y.
17.	The XVI th international scientific-methodical conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training”	Author and speaker (02 reports)	“SPbSETU "LETI"” (“IHEAS”), the 21 st -22 nd of April 2010 y.
18.	The VIII th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Information-telecommunication environment and its influence on the quality of High school (HEI)”, the section “Monitoring and assessment of quality of university education and scientific activity”	Author and speaker (02 reports)	“IBI” (“IHEAS”), the 16 th -19 th of June 2010 y.
19.	The X th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Educational politics and new technologies of teaching”, the section “Mathematical methods and information technologies in economics”	Author and speaker (03 reports)	“IBI” (“IHEAS”), the 01 st of April 2011 y.
20.	The XVII th international scientific-methodical conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training”	Author and speaker (01 report)	“SPbSETU "LETI"” (“IHEAS”), the 20 th of April 2011 y.
21.	The IX th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Monitoring and estimation of the quality of university education and scientific activity”	Author and speaker (03 reports)	“IBI” (“IHEAS”), the 16 th -19 th of June 2011 y.
22.	The XI th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Educational politics and new technologies of teaching”, the section “Mathematical methods and information technologies in economics”	Author and speaker (03 reports)	“IBI” (“IHEAS”), the 16 th of March 2012 y.
23.	The XVIII th international scientific-methodical conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training”	Author and speaker (01 report)	“SPbSETU "LETI"” (“IHEAS”), the 18 th of April 2012 y.
24.	The X th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Educational politics and new technologies of teaching”, the section “Mathematical methods and information technologies in economics”	Author and speaker (04 reports)	“IBI” (“IHEAS”), the 30 th -31 st of October 2012 y.
25.	The XII th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Educational politics and new technologies of teaching”	Author and speaker (04 reports)	“IBI” (“IHEAS”), the 22 nd of March 2013 y.
26.	The XIX th international scientific-methodical conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training”	Author and speaker (02 reports)	“SPbSETU "LETI"” (“IHEAS”), the 24 th of April 2013 y.
27.	The XI th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Educational politics and new technologies of teaching”	Author and speaker (04 reports)	“IBI” (“IHEAS”), the 30 th of October 2013 y.

28.	The XIII th international scientific-practical conference “Actual problems of economics and new technologies of teaching (Smirnov readings)”, the section “Educational politics and new technologies of teaching”	Author and speaker (04 reports)	“IBI” (“IHEAS”), the 22 nd of March 2014 y.
29.	The XX th international scientific-methodical conference “Modern education: contents, technologies, quality”, the section “Perspective technologies of training: distance education”	Author and speaker (02 reports)	“SPbSETU "LETI"” (“IHEAS”), the 23 rd of April 2014 y.
30.	The XII th international scientific-methodical conference “Quality management in modern High school (HEI)”, the section “Educational politics and new technologies of teaching”, the section “Mathematical methods and information technologies in economics”	Author and speaker (05 reports)	“IBI” (“IHEAS”), the 23 rd of October 2014 y.
31.	The I st international scientific conference on fundamental sciences “Actual problems of modern science and technology: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (13 reports)	“SIO "ACNS"”, the 01 st -31 st of March 2015 y.
32.	“The city seminar at "The scientific council on informatization of Saint-Petersburg city" at "The Government of Saint--Petersburg city"” (“RAS”), section “The theoretical bases of informatics (computer science) and informatization of society”, section “Information systems and technologies”, section “Modeling of system” section “The processing and analysis of big data”	Author and speaker (01 reports)	“"SPII" of "RAS"”, the 26 th of June 2015 y.
33.	The I st international scientific conference on applied sciences “Improvement of quality of researches and developments in the modern organization: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (15 reports)	“SIO "ACNS"”, the 01 st -31 st of October 2015 y.
34.	The II nd international scientific conference on fundamental sciences “Actual problems of modern science and technology: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (13 reports)	“SIO "ACNS"”, the 01 st -31 st of March 2016 y.
35.	The II nd international scientific conference on applied sciences “Improvement of quality of researches and developments in the modern organization: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (15 reports)	“SIO "ACNS"”, the 01 st -31 st of October 2016 y.
36.	The III rd international scientific conference on fundamental sciences “Actual problems of modern science and technology: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (13 reports)	“SIO "ACNS"”, the 01 st -31 st of March 2017 y.
37.	The III rd international scientific conference on applied sciences “Improvement of quality of researches and developments in the modern organization: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (15 reports)	“SIO "ACNS"”, the 01 st -31 st of October 2017 y.
38.	The IV th international scientific conference on fundamental sciences “Actual problems of modern science and technology: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (13 reports)	“SIO "ACNS"”, the 01 st -31 st of March 2018 y.
39.	The IV th international scientific conference on applied sciences “Improvement of quality of researches and developments in the modern organization: cognitive approach”, all sections (for the int. competition n. a. A. Nobel)	Author and speaker (15 reports)	“SIO "ACNS"”, the 01 st -31 st of October 2018 y.

11. The participation in meetings, seminars and round tables

	The name	The list of participants	The date
1.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2003 y.
2.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2004 y.
3.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2005 y.
4.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2006 y.
5.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2007 y.
6.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2008 y.
7.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2009 y.
8.	The annual (every-year) seminar of the faculty (professor-teacher staff)	The staff of the chair “ACP” of “SPbSETU "LETI"”	2010 y.

12. The place of practical training			
The type of practice and year	The name of organization	The name of division	The mark
Industrial (2002 y.)	“LLC "Slax"”	“Accounting department”	5
Prediploms (predegree) (2003 y.)	“SPbSETU "LETI"”	“The laboratory of microprocessor means and systems of automation and control”	5
13. The participation in scientific competitions			
1.	“The regional (district) competition "The best on profession" on specialty "Programmer-laboratory assistant" of "Interschool training plant №1 of Krasnogvardeisky district of Saint-Petersburg city"” (I participated in 1997 y., the diploma for the 3 rd place)		
2.	“The city Olympiad on programming” (I participated in 1997 y., the gratitude for the participation in the city round of Olympiad)		
3.	“The local competition on the best diploma work among the graduates of "SPbSETU "LETI"” (I participated in 2003 y., the diploma for the 2 nd place)		
4.	“The regional and international competitions of "The Russian fund of basic researches”” (I participated in 2008 y., 2009 y. and 2010 y.)		
5.	“The international competition of "The charity found of V. Potanin”” (I participated in 2009 y.)		
6.	“The regional competition for the young scientific-pedagogical workers of higher educational institutions of Saint-Petersburg city and the academic institutes located at the territory of Saint-Petersburg city of The Government of Saint-Petersburg city” (I participated in 2008 y. and 2009 y.)		
7.	“The international competition "Cooperation in research and education in science and technology" of scientific fund "US civilian research and development foundation" для молодых ученых "Junior scientist research collaboration program”» (I participated in 2008 y. and 2009 y.)		
8.	“The international competition of "The American charity found of support of informatization of education and science”” (I participated in 2008 y. and 2009 y.)		
9.	“The international competition named after A. Nobel” for the receiving of “The Nobel prize” (I participated in 2013 y., 2014 y., 2015 y., 2016 y., 2017 y. and 2018 y.)		
14. The educational programs, courses and training			
1.	“Bank informatics” (I studied in 1997 y., “IBI”)		
2.	I finished with honors the full-time postgraduate study at the chair “ACP” and I prepared the dissertations on the theme “The environment of automated training with the properties of adaptation based on the cognitive models” on spec. 05.13.01 – “The system analysis, control and information processing” (from 2003 y. to 2006 y., “SPbSETU "LETI"”) and on the theme “The cognitive modelling technology for the financial analysis of the organization” on spec. 08.00.10 – “Finance, monetary circulation and credit” (from 2003 y. to 2004 y., “IBI”)		
3.	“Artificial intelligence” (I gave the practical training from 2003 y. to 2006 y., “SPbSETU "LETI"”)		
4.	“Informatics” (I developed the textbook, three methodical instructions to the laboratory works, I gave the lectures and I gave the practical training from 2004 y. to 2010 y., “SPbSETU "LETI"”)		
5.	“The financial analysis” (I developed the textbook with appendixes from 2004 y. to 2010 y., “IBI”)		
15. The most significant achievements (scientific results)			
1.	The scientific-educational portal www.vetrovan.spb.ru (“SPbSETU "LETI"”, 2003 y.)		
2.	The cognitive modeling technology for the system analysis of the information-educational environments (“SPbSETU "LETI"”, 2003 y.)		
3.	The cognitive modeling technology for the financial analysis of the (credit) organizations (“IBI”, 2004 y.)		
4.	The cognitive modeling technology for the complex analysis of the objects of theoretical mechanics (“SPbSETU "LETI"”, “IBI”, 2011 y.)		
5.	The unique cognitive modeling technology for the system, financial and complex analysis (at the micro-level) (“SPbSETU "LETI"”, “IBI”, from 2003 y. to 2011 y.)		
6.	“PB NCO(E) SIO "Academy of cognitive natural sciences”” (for “The international competition named after A. Nobel”, from 2013 y. to 2018 y.), the information resources: see www.vetrovan.spb.ru , www.acns.ml и https://vk.com/thesioacns		
7.	“MB NCO(E) SRI "System and financial analysis based on cognitive modeling technology” of "RA(N)S" named after Veniaminov V.N.” for “The international competition named after A. Nobel”, from 2013 y. to 2018 y.), the information resources: see www.vetrovan.spb.ru , www.sfacmt.ml и https://vk.com/thesrisfacmt		
8.	“MB NCO(E) SF "System and financial analysis based on cognitive modeling technology” named after Prokopenko N.A.” for “The international competition named after A. Nobel”, from 2013 y. to 2018 y.), the information resources: see www.vetrovan.spb.ru , www.sfacmtfund.ml и https://vk.com/thesfsfacmt		
9.	“MB NCO(E) "Saint-Petersburg exhibition centre named after Brezhnev L.I.” at "Exhibition of achievements of science and technology named after Sobchak A.A.”” for “The international competition named after A. Nobel”, from 2013 y. to 2018 y.), the information resources: see www.vetrovan.spb.ru , www.eceast.ml и https://vk.com/spbecateast		
16. The other information			
1.			
2.			