

Russian Federation
Saint-Petersburg

Saint-Petersburg State University of
Aerospace Instrumentation

DIPLOMA

BBC 0641476

By decision of the State Certificate Commission taken on the 9-th of June 1999,
Ms. Rotach Olga Georgievna is conferred with the qualification **“Engineer -
Researcher”** in specialty **“Automatic Systems of Information Processing and
Control”**.

Chairman of State Examination Commission: (signature)

Rector (signature)

(The Seal of St. Petersburg State University of Aerospace Instrumentation)

Registration # 43461,
June 25, 1999

Translation is verified:



Vera Alexeeva
Chief of the International
Department

Witness of Mrs. Vera Alexeeva's signature



Anatoli Ovodenko
Rector of University

Name

Rotach Olga Georgievna

Date of birth

July 21, 1976

Previous education certificate

School-leaving certificate, issued in 1993.

Entrance examinations were passed

In 1993 Ms. Rotach Olga Georgievna **entered** the Saint Petersburg State University of Aerospace Instrumentation.

In 1999 Ms. Rotach Olga Georgievna **was graduated** from the Saint Petersburg State University of Aerospace Instrumentation.

Standard period of studying

6.0 years

Specialty

Automatic Systems of Information Processing and Control

Specialization

Automatic Systems of Information Processing

Term papers:

(See next page)

Practices:

1. Computer practice, 4 weeks – Excellent
2. Pre-Diploma practice, 12 weeks - Excellent

Final State Examinations:

Execution and defense of the qualification work:

Diploma thesis “Automatic System of Personnel Management for a Small Enterprise”, 12 weeks – Good

This Diploma entitles the owner to conduct his (her) professional activity according to the level of education and qualification.

Translation is verified:

Alexeeva

Witness of Mrs. Vera Alexeeva's signature



Vera
Chief of the International
Department

Anatoli Ovodenko
Rector

Russian Federation

Saint Petersburg

St. Petersburg State
University of Aerospace
Instrumentation

**Supplement to
Diploma
No BBC – 0641476**

Registration # 43461
Date of issue June 25,
1999

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Certificate Commission
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with the qualification
“**Engineer-Researcher**”

Rector (signature)

Dean (signature)

Secretary (signature)

(The Seal of St.
Petersburg State
University of Aerospace
Instrumentation)

While in attendance Ms. Rotach Olga Georgievna passed examinations and received credits of the following subjects:

Subject	Hours (total)	Final grade
1. Basic algorithms of Information Processing (Term paper)	18	Good
2. History of Russian	72	Good
3. Basic algorithms of Information Processing	144	Good
4. Methods of Programming	180	Good
5. Methods of Programming (Term paper)	18	Good
6. Higher Mathematics	378	Satisfactory
7. Computer Systems and Complexes (Term paper)	18	Good
8. Philosophy	36	Satisfactory
9. Foreign Language	578	Good
10. Microprocessors	190	Good
11. Foundations of Electro Technique	180	Satisfactory
12. Physics	270	Good
13. Microprocessors (Term paper)	18	Good
14. System Simulation	108	Good
15. Optimization of Technical Decisions	108	Satisfactory
16. System Simulation (Term paper)	18	Excellent
17. Foundations of Economics	144	Satisfactory
18. System Analysis	126	Good
19. Theory of Information	108	Satisfactory
20. A Firm and Market	72	Satisfactory
21. Digital Signal Processing (Term paper)	17	Excellent
22. Marketing of Scientific and Technological Products (Term paper)	17	Excellent
23. Digital Signal Processing	85	Good
24. Marketing of Scientific and Technological Products	51	Good
25. Reliable Methods of Information Transfer, Storage and Processing	102	Satisfactory
26. Object Identification in Control	102	Excellent
27. Information Provision and Data Structures	153	Excellent
28. Theory of Information Processing and Control Systems	119	Good
29. Methods and Means of Information Protection	85	Good
30. Banking	51	Good
31. Computer Systems of Communication	75	Good
32. Design of Automatic Control Systems	85	Satisfactory
33. Labor and Environment Protection	45	Excellent

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34. Politics	81	Excellent
35. Theory of Information Transfer Systems	102	Excellent
36. Applied Theory of Information	102	Good
37. Automation of Economical Information Processing	68	Excellent
38. Final Examination on Specialty	4	Good
39. Computer Mathematics	72	Passed
40. History of Russian Culture	36	Passed
41. Special Chapters of Higher Mathematics	72	Passed
42. Computer Systems and Complexes	108	Passed
43. Software of Information Processing Systems	90	Passed
44. Scientific Practice	160	Passed
45. Methods of Scientific Research	54	Passed
46. Operational Systems and Elements of System Programming	126	Passed
47. Civil Defense	48	Passed
48. Law	34	Passed
49. Elements of Management	51	Passed
50. Public Relations	34	Passed
51. Modern Signal Processors	60	Passed
52. Teaching Practice	270	Passed
53. Securities, Banks and Stock Exchanges	68	Passed
Total	5411	

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Rector