THE DIPLOMA IS AN OFFICIAL DOCUMENT CERTIFYING HIGHER EDUCATION

Registration number _5086____February 13, 2009_

RUSSIAN FEDERATION

City of Saint-Petersburg Federal State Educational Institution of Higher Professional Education "Saint-Petersburg State University"

DIPLOMA

BMA 0000000

According to the decision of the State Examinations Board on *January 22, 2009*

Petrov Petr Petrovich

RECEIVED **MASTER'S DEGREE** IN PHYSICS in specialty "PHYSICS"

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CHAIRMAN OF THE STATE QUALIFICATION COMMISSION

RECTOR

		RUSSIAN	
		FEDERATION	
	Last name, first name, patronymic name Petrov Petr Petrovich		
	Date of birth: July 15, 1983		
	Previous document certifying education Bachelor's diploma in physics in specialty "Physics", issued in 2006. passed	City of Saint-Petersburg Federal State Educational Institution of Higher Professional Education	
	the entrance tests Entered in 2006 Federal State Educational Institution of Higher Professional Education «Saint-Petersburg State University» (full-time course of study) Completed studies in 2008 in Federal State Educational Institution of Higher Professional Education «Saint-Petersburg	«Saint-Petersburg State University» SUPPLEMENT to DIPLOMA NO. BMA 0000000	
D WITHOUT THE DIPLOMA	State University» (full-time course of study)Normative period of studies with full-time course6,5 yearsCourse/SpecialtyphysicsSpecializationplasma physics. Plasmaphysics and chemistry	5086 (registration number) <i>February 13, 2009</i> (date of issue)	NOT VALID WITHOUT THE
TUOHT	Term papers: <i>not provided</i>	According to the decision of the State Examinations Board	THOUT]
NOT VALID W	 Practical work: <i>Research practical work, 18 weeks, grade: passed</i> <i>Teaching practical work, 4 weeks, grade: passed</i> Final State examinations: <i>in specialty of "Physics", grade: excellent</i> <i>in specialty of "Environmentation"</i> 	on January 22, 2009, the MASTER'S DEGREE IN PHYSICS in specialty "PHYSICS"	THE DIPLOMA
	in specialty of "English", grade: excellent in specialty of "Philosophy" grade: good	was awarded. <i>Rector (signature)</i>	
	The final qualification thesis preparation and defense presentation: <i>"Study of Partially Constricted Glow Discharge in</i> <i>Argon-Nitrogen Mixture", 18 weeks, grade:</i> <i>excellent</i>	Dean (signature) Secretary (signature)	
	The present Diploma entitles to carry out the professional activities in conformity with the educational level and qualifications		
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During the period of studies passed the tests, intermediate and final examinations in the following disciplines:

	TITLE OF COURSE	TOTAL NUMBER OF HOURS	GRADE
1	Problems of Modern Physics	150	passed
2	History of Physics	80	passed
3	Philosophy of Physics	120	passed
4	English Language in the Field of Professional Communications	250	excellent
5	Computer Technologies in Science and Education	200	passed
6	Scientific Literature and IT	150	passed
7	Physics and Chemistry of Plasma of Molecular Gases	150	excellent
8	Special Laboratory – Computing Practice	176	passed
9	Special Seminar on Master Program	39	passed
10	Physics of Gas Discharge	76	excellent
11	Additional chapters of plasma particles kinetics	70	excellent
12	Spectroscopy and excitation kinetics of simple molecules in plasma	70	excellent
13	Introduction to Collision Theory	52	excellent
14	Plasma Methods of Elementary Processes Investigation	140	excellent
15	Oscillations and Waves in Plasma	72	good
16	Scientific Seminar on Physics and Chemistry of Plasma	39	passed
17	Electronics in Modern Physical Experiment	50	passed
18	Introduction to Physics of Electron-atom Collisions	90	excellent
19	Kinetics of Excited Particles in Plasma	88	excellent
20	Self-organization of Glow Discharge	70	excellent
21	Collision Theory	52	excellent
Total Including lectures/seminars		2184 (1088)	

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THIS IS AN ACCURATE TRANSLATION OF THE DIPLOMA AND THE SUPPLEMENT TO THE DIPLOMA.

DEAN SECRETARY

NOT VALID WITHOUT THE DIPLOMA