

Curriculum Vitae

First name(s) / Surname(s) **TEODORA VASSILEVA HRISTOVA**

Address (business) University of Mining and Geology "St. Ivan Rilski", Studentski grad
Department of Electrical Engineering

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Date of birth

Positions (at moment)

Dates 2008

Occupation or position held **Assistant Prof.**

Name and address of employer University of Mining and Geology "St. Ivan Rilski", Studentski grad

Education and training

Dates 2011

Title of qualification awarded **Doctor**

Educational institution University of Mining and Geology "St. Ivan Rilski", Studentski grad

Dates

Title of qualification awarded Mag. Eng. Automation of Production

Educational institution University of Mining and Geology "St. Ivan Rilski", Studentski grad

Mother tongue(s) **Bulgarian**

Other language(s) **Russian, English, French**

Self-assessment

European level (*)

Russian

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Listening		Reading	
C2	Proficient level	C2	Proficient level	C1	Proficient level	C1	Proficient level	C1	Proficient level
B1	Working level	B1	Working level	B1	Working level	B1	Working level	B1	Working level
A2	Access	B1	Working level	B1	Working level	A2	Access	B1	Working level

Professional information and applications

Professional and Research interests (key words) Electrochemical Corrosion Protection
Automatic measurement and control

Patents and Inventions

Membership of professional and trade organization NTS - Section Mining, Geology and Metallurgy

Publications A total of 33 publications, of which 27 for the last 5 years

Appendix 1

Projects Leader and participant in 7 projects, 4 of which for the last 5 years

Appendix 2

Participation in scientific sessions, conferences and congresses (for last 5 year) International Scientific Session of the UMG "St. Ivan Rilski" - 2007-2011
Scientific and technical conference with international participation "Neftogazonosna viability of the Balkan-Black Sea Region", Varna, 2008
International Conference on Automation BULCAMC - 2008, 2011

International Conference TechSys - Plovdiv, 2009
International Conference "UNIVERSITARIA SIMPRO", PETROȘANI, 2010
International Conference Universitatea "Constantin Brâncuși" din Târgu-Jiu, 2010-2011

Specialization abroad
(for last 5 year)

Other professional skills

Course Management Utilities Sector-7.2008 years Certificate № EUM08443
Career Consultant Certificate № GSDF00185-56, 10.09.2008

PUBLICATIONS

2007-2011

1. Stefan Stefanov, Ivan Milev, Teodora Hristova, Determination of potential difference "instalation-land" in soils with high resistivity, journal of Mining and Geology "St. Ivan Rilski ", 2007, Volume 50.
2. Polina Petkova, Teodora Hristova Electrical corrosion due to stray currents and ways of protection, 2007, Congress of the young engineers SEMIB Sofia
3. Teodora Hristova, Monitoring corrosion status of underground pipelines with the help of sensing devices, the ICC of Mining and Geology "St. Ivan Rilski, 2008, Volume 51
4. Teodora Christova, The place of the career center to improve the quality of training of electrical engineers, journal «Mining and Geology" issue. 6, p. 29-31, 2008
5. Kancho Ivanov, Teodora Hristova Requirements to the structure and functions of information services to students UMG "ST. Ivan Rilski ", ICC of Mining and Geology" St. Ivan Rilski, 2008, Volume 51.
6. Teodora Hristova, "Corrosion Control", National scientific conference with international participation "Automation in mining and metallurgy» BULCAMC, 27 to 28 November 2008, Sofia,
7. July Radev, Teodora Hristova, Economic models of the scarcity of natural resources, scientific and technical conference with international participation "Neftogazonosna viability of the Balkan-Black Sea Region" Varna, 2008, p. 223
8. Teodora Hristova, Corrosion control of pipelines in the context of sustainable development, Journal Mining and Geology - Issue 10, 2008 p. 40-44
9. Teodora Hristova, Stefan Stefanov, Method for determining the corrosion rate of change of electrical resistance and mass loss of steel specimens (sensors), Journal of the Technical University at Plovdiv "Fundamental Sciences and Applications", Vol. 14, 2009 International Conference Engineering, Technologies and SystemsTechSys '2009 p. 291-297
10. Stefan Stefanov Teodora Hristova, Effect of size of the defect in the insulation on the rate of corrosion of underground pipelines Journal of the Technical University at Plovdiv "Fundamental Sciences and Applications", Vol. 14, 2009 International Conference Engineering, Technologies and Systems TechSys '2009, p. 285-290
11. Teodora Hristova, Corrosion factors of ductile iron pipes, the journal "Geology of mineral resources", 2009 br4, p. 7.
12. Stefan Stefanov, Teodora Hristova, Lubomir Atanasov Relative density of electric current created by two source with different polarities current (earthing) as a function of distance between them and the depth distribution of currents in the earth, 2009, 52 Volume UMG, str.123-128
13. Stefan Stefanov, Teodora Hristova, Lubomir Atanasov potential of the electric field at any point in the ground created by two source with different polarities - linear and linear and point source current, 2009, 52 Volume UMG, str.129-132
14. July Radev, Teodora Hristova, Cultural challenges contracting oil companies Geology and Mineral Resources - Number 9, 2009 p. 32-35.
15. Stefan Stefanov, Teodora Hristova, "Use of resistive sensors for monitoring corrosion of underground pipelines," Mining and Geology, br10, 2009, p. 42-44
16. T. Christ, S. P. Hristov. Stefanov Remote system monitoring corrosion of underground pipelines, magazine Mining and Geology, 2010, Issue 1, p. 42-45
17. Stefan Stefanov, Teodora Hristova Term operation vertical anode grounding, 2010, 53 Volume UMG, str.129-132
18. Teodora Hristova, Milla Ilieva Requirements management information system for monitoring cathodic protection, 2010, 53 Volume UMG, str.133-136
19. Teodora HRISTOVA, Stefan STEFANOV: ELECTROCHEMICAL RESEARCH OF SENSOR GALVANIC CELL, Universitatea "Constantin Brâncuși" din Târgu-Jiu, Analele Universității / University's Annals, <http://www.utgjiu.ro/revista/?page=curent&nr=2010-02>

20. Ilieva, Mila, Teodora Hristova "FUNCTIONS OF MANAGEMENT OF CATHODE PROTECTION", "UNIVERSITARIA SIMPRO", 2010, ELECTRICAL ENGINEERING AND ENERGETICS SYSTEM CONTROL, APPLIED INFORMATICS AND COMPUTER ENGINEERING, PETROȘANI, 14-15 OCTOMBRIE 2010, <http://upet.ro/pdf/simpro2010/full%20D7%208.pdf>
21. Hristova, Teodora, Protection from corrosion of pipelines, magazine Mining and geology, No. 1-2, 2011. p. 60-63
22. Stefan Stefanov, Teodora Hristova, Calculation of vertical anode grounding in the system of cathodic protection of underground steel structures, BULCMK'2011 - 07-08.10.2011
23. Stefan Stefanov, Teodora Hristova, Modern requirements to meet regulations for cathodic protection of underground cables and facilities, 2011, 54 Volume UMG, str.57-62
24. Milla Ilieva, Teodora Hristova, designing a database management system of cathodic protection, 54 Volume MGU, 2011, p. 63-68
25. Teodora Hristova, "AUTOMATED SYSTEM FOR CALCULATING THE ELEMENTS OF THE CATHODIC PROTECTION SYSTEM", Universitatea "Constantin Brâncuși" din Târgu-Jiu, Nr.3/2011, section-Power and electrical engineering, p 266-275
26. Teodora Hristova, "DETERMINING OF MATERIAL FOR CONSTRUCTION OF SENSOR FOR MEASUREMENT OF UNIFORM CORROSION", Universitatea "Constantin Brâncuși" din Târgu-Jiu, Nr.3/2011, section-Power and electrical engineering, p 256-265
27. Ilieva, M., Christ, T., "Design of an information management model of cathodic protection," Jubilee International Conference "Man and the Universe", Smolyan 2011, in press

Appendix 2

PROJECTS 2007-2011

1. "Study the impact of setup parameters on the inverter performance of induction motor" 74/2007, headed by Prof. Dr. Ivan Milev team:
2. "Design, development and testing of sensor devices, taking into account the level of corrosion" 86 / 2008, led by Teodora Hristova
3. "Measurement and evaluation of the impact of electromagnetic radiation in the environment"
4. "Development of an automated system for diagnosing the corrosive condition of underground pipelines", 2010