

**|Списък на изнесените доклади от Диана Йорданова на международни научни конференции за периода 2007 – 2011**

1. N. Jordanova, D. Jordanova, Ts. Tsacheva. The role of soil forming factors and anthropogenic pollution for the signature of soil profiles from East Bulgaria. EGU General Assembly, Vienna, Austria, 2-7 April 2006, *oral*.
2. D. Jordanova, T. Grygar, N. Jordanova, V. Avramov. Goethite and hematite content in loess-palaeosol sediments from North Bulgaria revealed by rock magnetic methods and diffuse reflectance spectroscopy (DRS). EGU General Assembly, Vienna, Austria, 2-7 April 2006, *poster*.
3. N. Jordanova, D. Jordanova. Magnetic susceptibility mapping and mineral magnetic properties of topsoils developed on highly magnetic lithology. 10<sup>th</sup> “Castle Meeting” New Trends in Geomagnetism, Castle of Valtice, September 3-8, 2006, *oral*.
4. Jordanova, D., Jordanova, N., Hirt, A., Kretzschmar, R., Barmettler, K.: “Development of soil differentiation in Chernozem - Luvic Chernozem – Phaeozem genetic types revealed by their rock magnetic and chemical properties” ; *IUGG XXIV General Assembly* 2-13 July 2007, Perugia, Italy, *oral*.
5. Jordanova, N., Jordanova, D., Kretzschmar, R., Barmettler, K., Hirt, A.: “Mineral magnetic properties and soil chemistry of Planosols from south Bulgaria”; *IUGG XXIV General Assembly* 2-13 July 2007, Perugia, Italy, *oral*.
6. Jordanova D, Jordanova N, Hirt A, Dimov D. 2008. Mineral magnetic properties of Antarctic soils from Livingston Island (South Schetlands). Presented at 2008 International Conference of Rock Magnetism and its Earth Science Applications, Cargèse, France, *poster*
7. Jordanova D, Jordanova N, Hirt A, Petrov P, Kretzschmar R. 2008. Kinetics of thermal transformations of soil material during laboratory heating experiments. 11th Castle Meeting, Bojnice Castle, Slovak Republic, 2008, *oral*
8. Jordanova N, Jordanova D, Hirt A, Petrov P, Kretzschmar R. 2008. Magnetic expression of pedogenesis in vertisols from Bulgaria. 11th Castle Meeting, Bojnice, Slovak Republic, 2008, *oral*
9. Jordanova, D., Jordanova, N., Hoffmann, V., Petrov, P. 2008. Magnetic signature of different vegetation species in polluted environment. 11th Castle Meeting, Bojnice, Slovak Republic, 2008, *oral*.
10. Neli Jordanova, Diana Jordanova, Daniela Todorova, Ann Hirt, Petar Petrov. Relationship between physical properties and magnetism of soils from various pedoenvironments. Annual Spring Meeting of the American Geophysical Union (AGU) Toronto, 23 – 29 May 2009, *poster*
11. Diana Jordanova, Neli Jordanova, Ann Hirt, Petar Petrov, Ruben Kretzschmar. Thermal transformations of Chernozem like soil samples during laboratory heating and their implications for revealing degree of soil maturity. Annual Spring Meeting of the American Geophysical Union (AGU) Toronto, 23 – 29 May 2009, *oral*

12. Diana Jordanova, Petar Petrov, Viktor Hoffmann, Neli Jordanova, Tsenka Tsacheva, Dimo Dimov. Lichens and mosses used as biomonitors in environmental magnetic studies. Annual Spring Meeting of the American Geophysical Union (AGU) Toronto, 23 – 29 May 2009, *poster*
13. N. Jordanova, D. Jordanova, P. Petrov, T. Popov, R. Yankova, Ts. Tsacheva, D. Dimov. Characterization of indoor and outdoor dust from major cities in Bulgaria – preliminary results. IAGA 11th Scientific Assembly, August 23 – 30 2009, Sopron, Hungary; *poster*.
14. D. Jordanova, N. Jordanova and T. Grygar. Rock magnetic and DRS characteristics of loess palaeosol sediments from Bulgaria and their link to palaeo-environmental conditions. IAGA 11th Scientific Assembly, August 23 – 30 2009, Sopron, Hungary, *oral*.
15. Diana Jordanova, Neli Jordanova, Petar Petrov, 2010. Exploring the link between magnetic signature and physical/chemical parameters of anaerobic soils. EGU General Assembly, Vienna, Austria, 2-7 May 2010. *poster*
16. Diana Jordanova, Neli Jordanova, Ulrike Werban, Anna Atanasova, Petar Petrov, 2010. Use of geophysical mapping and laboratory magnetic studies for characterization of soil properties in an area, heavily affected by metallurgical industry in Bulgaria. EGU General Assembly, Vienna, Austria, 2-7 May 2010. *poster*
17. Diana Jordanova, Anna Atanasova, Petar Petrov, Neli Jordanova, 2010. Experimental evaluation of the degree of soil erosion caused by agricultural activities in a small area near Sofia (Bulgaria) using magnetic methods. EGU General Assembly, Vienna, Austria, 2- 7 May, 2010. *oral*
18. P. Petrov, N. Jordanova, D. Jordanova, Ts. Tsacheva. Magnetic susceptibility of indoor and outdoor dust samples from major cities in Bulgaria. 10th International Multidisciplinary Scientific GeoConference SGEM 2010, Albena, 20 – 26 June, 2010, *poster*.
19. Jordanova, N., Jordanova, D., Yankova, R., Petrov, P., Popov, T., Tsacheva, Ts., 2010. Magnetic and aerobiological studies of indoor and outdoor dust from Bulgaria. 12th Castle Meeting on New Trends in Geomagnetism, August 29 - September 4, 2010, Castle of Nove Hrad, South Bohemia, Czech Republic, Abstracts, p.35, *oral*.
20. Neli Jordanova, Diana Jordanova, Petar Petrov, Anna Atanasova: Magnetism of soils applied for estimation of erosion at an agricultural land in NE Bulgaria. XXV IUGG General Assembly: Earth on the Edge: Science for a Sustainable Planet, 28 June - 7 July 2011, Melbourne, Australia. *oral*
21. Diana Jordanova, Neli Jordanova, Ulrike Werban: Geophysical methods applied for characterization of alluvial soils near Rosslau (Germany). 16th International MESAEP Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, September 24 - 27, 2011, Ioannina, Greece. *oral*
22. Diana Jordanova, Neli Jordanova, Petar Petrov: Estimation of soil erosion by using magnetic properties of soils – experience from two contrasting case studies. 2nd Biennial Meeting of the Latin-American Association of Paleo magnetism and Geomagnetism (LATIN MAG), November 23-26 2011, Tandil, Argentina *oral*

23. Diana Jordanova, Petya Trifonova: Application of multivariate statistical methods for assessment of feasibility of predicting the particle-size distribution from magnetic properties of 16 different soil types from Bulgaria. XVIII INQUA-Congress, Quaternary sciences – the view from the mountains. 21-27 July 2011, Bern, Switzerland *poster*
24. Neli Jordanova, Tzvetan Kotsev, Diana Jordanova: Industrial contamination of alluvial soils near Fe-Pb mining site in Bulgaria revealed by magnetic and geochemical studies. 16th International MESAEP Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, September 24 - 27, 2011, Ioannina, Greece *poster*
25. Desislava Ivanova, Diana Jordanova, Neli Jordanova: Magnetic properties of soil samples from Lany (Czech Republic) and their relationship to the soil physical characteristics. 2nd Biennial Meeting of the Latin-American Association of Paleomagnetism and Geomagnetism (LATIN MAG), November 23-26 2011, Tandil, Argentina. *poster*
26. M. Metodiev, D. Jordanova, P. Petrov, 2011. Palaeoclimate in NW Bulgaria Since the Last Interglacial Period Revealed by Magnetic Studies, Proceedings of the 6th Congress of Balkan Geophysical Society - Budapest, Hungary. *poster*