

ISSUES OF EDUCATION AND PSYCHOLOGY

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RESOURCES OF COMMUNICATION EXPERIENCE DEVELOPMENT OF TEACHER OF ADDITIONAL EDUCATION IN THE SYSTEM OF REFRESHER COURSES

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*Kordyukova Tatyana Ivanovna – Methodist,
Department of Educational Work,
Rostov Institute Advanced Training
and Professional Retraining of Education Workers,
Gvardeysky Lane, 2/51, Rostov-on-Don, 344011.
E-mail: institut@roipkpro.ru.*

The article deals with the modernization and personification of the content of training for the development of communicative experience of teachers of additional education, therefore we offer the decision of andragogical problems and focus our attention to the qualifications in selecting the most effective methodical ways of development experience of a mature teacher-specialist. The author substantiates the necessity of development of socio-personal competences, professional interaction, the application of andragogical personalized models and modular training programs that encourages professional and personal development of students teachers.

Keywords: *modernization, simulation, interaction, pedagogical culture, communicative competence, interaction, professional and personal position and personification, modular construct, interactive technology: communication pedagogical, information and communication, modular design, role-playing.*

References

1. Bondarevskaya E.V. Lichnostno-orientirovannyi podkhod kak tekhnologiya modernizatsii obrazovaniya // Metodist. 2003. № 2. S. 2 – 6.
2. Serikov V.V. Obrazovanie i lichnost': Teo-riya i praktika proektirovaniya pedagogicheskikh sistem. M., 1999. 272 s.
3. Bondarevskaya E.V. Kontseptsii i strategii vospitaniya studentov v kul'turno-obrazovatel'nom prostranstve Pedagogicheskogo instituta YuFU / pod red. V.I. Mareeva. Rostov n/D, 2007. 80 s.
4. Vvedenie v pedagogicheskuyu kul'turu: ucheb. posobie / pod obshch. red. E.V. Bondarevskoi. Rostov n/D, 1995. 170 s.
5. Knowls M.S., Holton E.E., Swanson R.A. The Adult Learner: The Definitive Classic in Adult Education and Human Resource Development. 6th edition / London; New York; etc., 2005. 378 p.
6. Vazina K.Ya. Prirodno-refleksivnaya tekhnologiya samorazvitiya cheloveka. M., 2002. 145 s.
7. Gershunskii B.S. Filosofiya obrazovaniya dlya KhKhI veka. (V poiskakh praktikoorientirovannykh obrazovatel'nykh kontseptsii). M., 1998. 605 s.
8. Vazina K.Ya. Kollektivnaya mysledeyatel'-nost' – model' samorazvitiya cheloveka. Moskva; Nizhnii Novgorod, 1991. 195 s.
9. Klarin M.V. Interaktivnoe obuchenie – instrument osvoeniya novogo opyta // Pedagogika. 2000. № 7. S. 7.
10. Yasvin V.A., Gazman O.S., Veis R.M., Krylova N.B. Psikhologo-pedagogicheskoe proektirovanie obrazovatel'noi sredy // Dopolnitel'noe obrazovanie. 2000. № 2. S. 16 – 22.

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INFORMATISATION AS THE BASIS OF RESTRUCTURING OF MANAGING THE EDUCATION AND SELF EDUCATION PROCESS IN AN INNOVATIVE UNIVERSITY

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*Pavlenko Irina Igorevna – Post-Graduate,
Department of Creative and Innovative
Management and Law,
Pyatigorsk State Linguistic University,
Kalinina Ave., 9, Pyatigorsk, 357532.
E-mail: pavlenkoi@pglu.ru.*

The article analyzes the influence of informatization on the processes of management of education and self-education in an innovative university. It describes the influence of informatization on the main areas of the university activities, such as educational activities, self-education and distant learning, scientific and innovative project activities. The social aspect of rebuilding the processes of management in an innovative university via the use of ICT is also considered in the article.

Keywords: *informatization, management of education, social organization, social management, innovative university, system of management of education.*

References

1. Nesterova E.I. Povyshenie effektivnosti distantsionnykh obrazovatel'nykh uslug v usloviyakh informatizatsii obshchestva (na primere Respublika Bashkortostan): dis. ... kand. ekon. nauk. Ufa, 2005.
2. Pavlenko I.I. Informatizatsiya kak vseobshchii sotsial'nyi protsess informatsionnogo obshchestva i ego razvivayushchiysya sotsial'nyi institut // Vestnik PGLU. 2010. № 4. S. 321 – 329.
3. Mitrofanova Ya.S. Modelirovanie sistemy upravleniya informatizatsiei uchebnogo protsessa v vuze // Materialy II Mezhdunar. nauch.-prakt. konf. «Informatsionnye tekhnologii v gumanitarnom obrazovanii». Pyatigorsk, 2009.
4. Kaufova L.A. Osnovnye napravleniya ispol'zovaniya informatsionnykh tekhnologii v vysshem obrazovanii // Tam zhe.
5. Vorob'ev G.A. Innovatsii v informatizatsii sovremennogo vuza // Vysshee obrazovanie v Rossii. 2009. № 12. S. 37 – 39.
6. LMS Moodle. URL: http://www.uztest.com/lms.php?file=glava6_4.html (data obrashcheniya: 05.02.2013).
7. Chto takoe Moodle? URL: <http://moodle-center.ru/moodle> (data obrashcheniya: 10.01.2013).
8. Ekonomicheskii slovar'. T'yutor. URL: <http://slovari.yandex.ru/t'yutor/Ekonomicheskii%20slovar'/T'yutor/> (data obrashcheniya: 02.02.2013).
9. Twitter. URL: <http://twitter.com/about> (data obrashcheniya: 15.02.2013).
10. 60 Inspiring Examples of Twitter in the Classroom. URL: <http://www.onlineuniversities.com/blog/2011/12/60-inspiring-examples-of-twitter-in-the-classroom> (data obrashcheniya: 12.02.2013).
11. Barnes N.G., Lescault A.M. Social Media Adoption Soars as Higher-Ed Experiments and Reevaluates Its Use of New Communications Tools. URL: <http://www.uma-ssd.edu/media/umassdartmouth/cmr/studiesandresearch/higherEd.pdf> (data obrashcheniya: 02.02.2013).
12. Feshchenko A.V. Sotsial'nye seti v obrazovanii: analiz opyta i perspektivy razvitiya // Otkrytoe i distantsionnoe obrazovanie. 2011. № 3. S. 44 – 50.
13. Dubova N. Web 2.0: perelom v paradigme obucheniya // Otkrytye sistemy. 2008. № 9. URL: <http://www.osp.ru/os/2008/09/5717450/> (data obrashcheniya: 12.02.2013).
14. Rumble G. The planning and management of distance education. London: Croom Helm. URL: <http://bookre.org/reader?file=1034107&pg=116> (data obrashcheniya: 19.02.2013).
15. Reddy G. 'Open universities: the new temples of learning', in Reddy G.R. (ed.) Open universities: the ivory towers thrown open. New Delhi, India: Sterling, 1988. P. 1 – 18.

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FREQUENCY SPATIAL ORGANIZATION OF BRAIN CORTEX ACTIVITY OF MUSICIANS WITH DIFFERENT STRATEGIES OF COMPOSING MUSIC DURING A MUSIC IMPROVISATION

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*Skirtach Irina Anatolyevna – Competitor,
Department of Psychophysiology and Clinical Psychology,
Faculty of Psychology, Southern Federal University,
Nagibina Ave, 13, Rostov-on-Don, 344038,
E-mail: limpopo-is@yandex.ru.*

*Dikaya Lyudmila Aleksandrovna –
Candidate of Psychological Sciences, Associate Professor,
Department of Psychophysiology and Clinical Psychology,
Faculty of Psychology, Southern Federal University,
Nagibina Ave, 13, Rostov-on-Don, 344038,
E-mail: dikaya@sfedu.ru.*

The necessity of studying of brain cortex functional organization in musicians during improvisation as a creative activity is substantiated in the article. The technique and procedure of empirical research conducting are described. 68 musicians aged 18 to 39 years participated in the study. EEG method was used. As a result of the made comparative analysis the peculiarities of frequency-spatial organization of brain cortex activity in musicians with inductive-logical and unitary-imaginative strategies during musical improvisation are revealed.

Keywords: *strategy of music composing, musical improvisation, EEG, frequency band.*

References

1. Bekhtereva N.P., Nagornova Zh.V. Dinamika kogerentnosti EEG pri vypolnenii zadanii na neverbal'nuyu (obraznuyu) kreativnost' // Fiziologiya cheloveka. 2007. T. 33, № 5. S. 5 – 13.
2. Bekhtereva N.P., Dan'ko S.G., Starchenko M.G., Medvedev S.V., Pakhomov S.V. Issledovanie mozgo-voi organizatsii tvorchestva. Soobshchenie III. Akti-vatsiya mozga po dannym analiza lokal'nogo krovo-toka i EEG // Fiziologiya cheloveka. 2001. T. 27, № 4. S. 6.
3. Martindale C., Hines D. Creativity and cortical activation during creative, intellectual and EEG feedback tasks // Biological Psychology. 1975. Vol. 3. P. 71 – 80.
4. Markina N.V. Zagadki i protivorechiya tvorcheskogo mozga // Khimiya i zhizn'. 2008. № 11. S. 4 – 10.
5. Dikaya L.A., Ermakov P.N. Dynamics of the functional organization of brain cortex in subjects with different level of creativity at the stages of solving nonverbal creative task // Frontiers in Human Neuroscience. 2011. Conference Abstract: XI International Conference on Cognitive Neuroscience (ICON XI). doi: 10.3389/conf.fnhum.2011.207.00445
6. Hinrichs H., Mashleidt W. Basic emotions reflected in EEG cogherences // Int. J. Psychophysiol. 1992. Vol. 13. P. 225 – 232.
7. Dikaya L.A., Ermakov P.N., Dikiy I.S. EEG correlates of professional creative problem solving with insight // International journal of psychophysiology. 2012. Vol. 85, Issue 3. P. 379. doi: 10.1016/j.ijpsycho.2012.07.043.
8. Nagornova Zh.V. Dinamika moshchnosti EEG pri vypolnenii zadanii na neverbal'nuyu (ob-raznuyu) kreativnost' // Fiziol. cheloveka. 2007. T. 33, № 3. C. 26.

9. Razumnikova O.M., Vol'f N.V., Tarasova I.V. Strategiya i rezul'tat: polovye razlichiya v elektrograficheskikh korrelyatakh verbal'noi i obraznoi kreativnosti // Fiziol. cheloveka. 2009. T. 35, № 3. S. 31 – 41.
10. Denisova I.A. Psikhofiziologicheskii vzglyad na tvorchestvo. Mozgovye korrelyaty muzykal'nogo tvorchestva // Vestn. LGU im. A.S. Pushki-na. SPb., 2010. T. 5. Psikhologiya. № 4. S. 99 – 108.
11. Dikaya L.A. Razvitie kreativnosti u spetsialistov po protivodeistviyu terrorizmu i likvidatsii posledstviy terroristicheskikh aktov // Rossiiskii psikhol. zhurn. 2013. T. 10, № 5. S. 32 – 38.
12. Petsche H., Etlinger S.C. EEG aspects of cognitive processes: A contribution to the proteus-like nature of consciousness // Int. J. Psychol. 1998. Vol. 33, Issue 3. P. 199 – 212.
13. Tarasova I.V., Vol'f N.V., Razumnikova O.M. Izmeneniya moshchnosti EEG pri obraznom kreativnom myshlenii u muzhchin i zhenshchin // Zhurn. vyssh. nervn. deyat. 2005. T. 55, № 6. S. 780 – 784.
14. Bonfel'd M.Sh. Muzyka: Yazyk. Rech'. Myshlenie. Opyt sistemnogo issledovaniya muzykal'nogo iskusstva: monografiya. SPb., 2006. 648 s.
15. Zlotina E.S. Zakonomernosti razvitiya muzykal'nykh form. 1985. URL: <http://www.trizminsk.org/e/245003> (data obrashcheniya: 15.06.2014).
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