

32nd International Conference on **INFORMATION TECHNOLOGY INTERFACES**

ITI 2010

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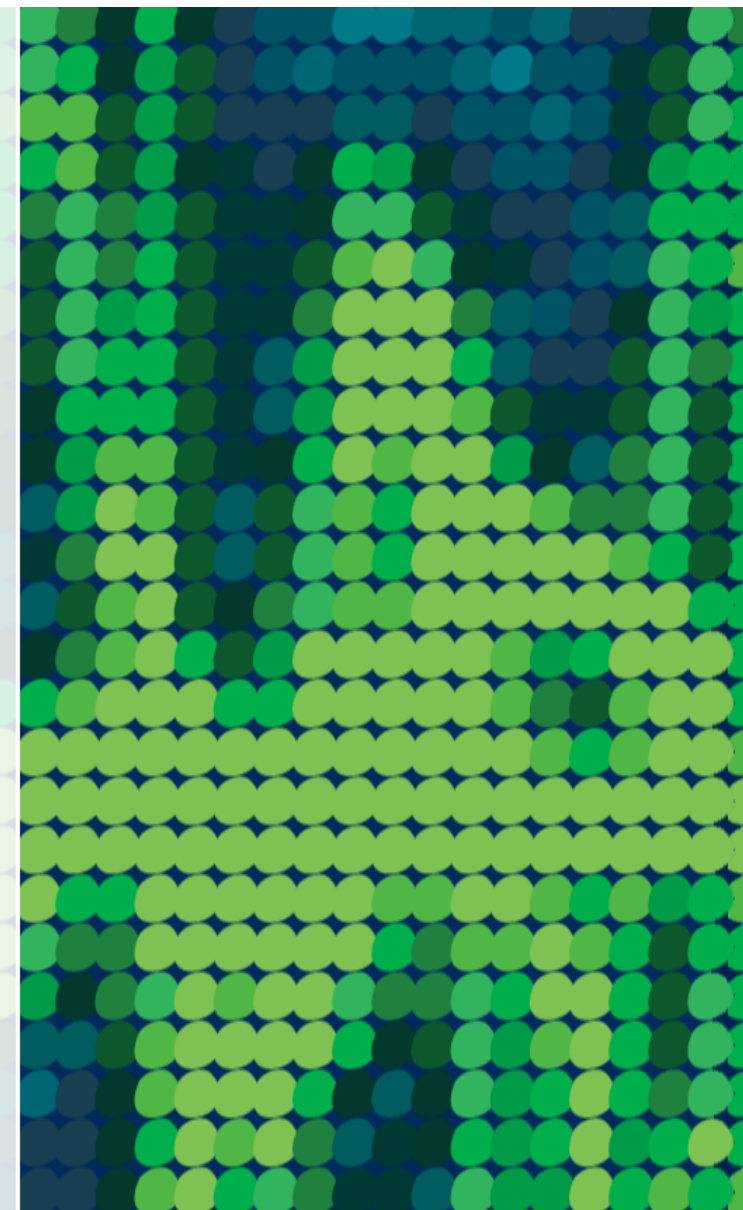
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Poster Abstracts

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[Role of the University Electronic Library for Developing Human Resources of Siberia](#)

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INFORMATION TECHNOLOGY IN BUSINESS AND GOVERNMENT

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[Using SAS® Reporting for Self Evaluation of High Schools](#)

Role of the University Electronic Library for Developing Human Resources of Siberia

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Keywords. Electronic library, human resources development, content, manpower.

Demographic decline and the outflow of manpower require a new strategy for human resources management in the Siberian region. The target audience of our project is young people and secondary school students.

Social and cultural development of secondary school students and professional development of young people is the basic condition for development of Krasnoyarsk region. Krasnoyarsk region is situated in the geographical center of Russia and occupies a vast territory.

The existing models of human resources management do not take into consideration the fact that young people use virtual tools effectively and extensively. That is why this is virtual environment where educational and professional management should be employed.

The method of foresight we used describes the possible way of development of Krasnoyarsk region till 2030. It includes global trends and critical situations determining the changes in Krasnoyarsk region and in Russia in general, foreign and Russian practical work in the field of human resources development [7].

Efforts to start all-Russia program aimed at interaction of university e-libraries and schools were not very successful. When state financial support was stopped these projects ceased their development. Notwithstanding all that the number of electronic libraries (mainly with free access) increases, there is a certain growth in their level. All-Russia conference "Electronic Libraries" is being held on a regular basis [8].

Until recently at Krasnoyarsk region there were no technological resources for integration the innovative technologies. Electronic library of the Siberian Federal University opened in 2010 may become such a tool for accumulating innovative technologies and interactive methods

of interrelation within educational environment [3].

The authors of the concept of electronic library of SFU faced contradictions and obstacles related to the fact that there is no another project in Russia of such character. There is no scientific description of social and educational content of e-library [4] which is aimed at developing human resources of the region. There is no productive cooperation between all potential participants of the process.

SibFU initiated the project devoted to developing social and educational content of university e-library [1, 10].

Definition of the prospective areas of e-library content development is a very important problem [2, 9], and the tendencies in human resources development at Krasnoyarsk region should be taken into consideration. The society does not consider the interactive resources of university e-library from the point of view of investing in human resources development.

Municipal and regional systems of education and social care use IT resources and e-libraries for solving strategic problems (training qualified professionals, preparing secondary school students for entering universities, etc.) very ineffectively.

Teachers have no idea of the opportunities e-libraries offer and do not use e-library resources during the lessons [1]. Questionnaire polls reveal that only 2% of the respondents use e-libraries. It should be also mentioned that most of interesting and significant resources are paid services which are not accessible for teacher.

At present the goal is working out scientific concept of social and educational content of electronic library of SFU taking into consideration the basic trends of human resources development at Krasnoyarsk region. Electronic form of interaction will speed up communication and extend accessibility of the educational resources to the public, to different

social groups; it will make possible to have access to regularly updated data.

Electronic library will help in solving the problems of the target groups: young people and secondary school students; students of rural secondary schools; young people with special needs (disabled people). It may facilitate interaction between students, teachers, people employed in the sphere of social care, municipal and regional authorities, employers and others.

The result of the Project is the new knowledge and extended idea, the opportunities and the resources of university e-library within open educational environment.

Working out social and educational content of electronic library of SFU will help in optimization of funding in the social sphere. It will also help to support people who need it most by means of offered information and services. Formation of the united regularly updated database of the human resources of Krasnoyarsk region in the form of e-portfolio [5, 6] will allow municipal and regional authorities take decisions in the sphere of human resources policy.

Development of the social services and organizing recruiting agencies within the SFU e-library environment will serve to attract manpower (migrants), their social and cultural adaptation and integration in the regional community.

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