

Rector of VSTU
Corresponding Member RAS
_____ I.A. Novakov
«__»_____ 2008 г.

REPORT
on foreign business trip

1. The aim: To get familiar with the activity of Italy and Belgium universities in the context of the Tempus program as member of delegation of universities-members of project JEP_27082_2006 «The network of the centres of training to management of innovative projects»

2. Stay place: Italy, Genoa, Genoese university (Universita degli Stadi di Genova, Salita San Nicoloso, 1/6-8, 16124 Genova-Italia, t. 0039-0102099046, e-mail: dire@csb-scpo.unige.it); Belgium, Geel, Catholic higher school (Katholieke Hogeschool Kempen, KHKempen, Kleinhoefstraat 4, B 2440 Geel, t.+32 (0) 14562167)

3. Business trip term: 10.05.2008– 18.05.2008.

4. Information about the sent person: Fomenkov Sergey Alekseevich, professor of CAD department, full doctor of technical science

5. The ground for business trip: the order of VSTU № 120 01.04.2008, Financing at the expense of the project JEP_27082_2006

6. The short information of action: In context of the Tempus program visit of 9 representatives of the Russian universities to the West European universities has been planned. Participants: university Genoa (Italy), Catholic higher school KHKempen (Belgium), Volgograd state technical university, Astrakhan state university, Dagestan state university, Ufa state academy of economy and service

7. The list and the content of the executed works during business trip: At university Genoa (Italy) there was presented the general statement of educational process in Italy and at the, and also on departments of faculties: pharmaceutical sciences; mathematicians, physicists and biology; economy; political sciences; foreign languages; engineering (electronic and computer engineering), arts (applied geographical sciences, multimedia communications and journalism, etc.); the legal; the architectural; a department of innovative management are heard. The university research centre of nano-science and nanotechnologies and also various laboratories of engineering faculty

(nanotechnology, electromechanics and electric technologies, etc.) are visited. In Catholic higher school KHKempen (Belgium) presentations of the educational process organisation, and also about training to management of innovative projects were acquired. Various faculties (agronomical, biotechnology and biology, engineering) and laboratories (mechanics of the musculoskeletal system of human, the centre of alternative technology of energy production, the engineering centre, control centre of a sustainable municipality development, the centre of IT technologies) are visited. The meeting with the general director and management team of the international cooperation was carried out. Reports of the Russian students from VSTU and ASU who had a training as a part of the international cooperation were presented.

8. The short information about organization which was visited by the sent person:

There is a free education at both universities (for self citizens). There is a three-level education system for all specialties: a bachelor degree (3 years), a magistracy degree (2 years), postgraduate study (3 years). Every student of the university should study at a university of other country for not less than one semester. The test system is based on credits – 60 units for a semester (only at the first and second levels). At university of Genoa there are all specialties which are required in region, except agriculture. The agriculture in the given region practically is absent. At university of Genoa all research works in nanotechnologies are concentrated in two divisions: the inter-cathedral centre including financings from the regional and urban authorities and engineering faculty. At engineering faculty works are executed in three directions: nanobiotechnology (IT-department), nanotechnologies in the field of creation of high-quality isolation of wires (power engineering department), molecular biotechnology (biophysics and electronic engineering department). At architectural faculty attracts attention a considerable quantity of serious and expensive computer facilities in an easy approach for students. The economic faculty carries out theoretical and applied researches in various directions. The detailed information is applied on a disk and the booklet. The given information is useful for faculty of economic and management of our university. The most interesting is work presented by information technology department. The directions of scientific researches of department are similar to directions of researches of CAD department of our university. It gives the grounds for cooperation. On shipbuilding department, physical modelling of courts movement is developed.

KHKempen (Belgium) is the university college including 11 faculties. In college 6200 students are studied. The college has been based in 1995, as a result of merge of 6 institutes of Kempen region. In 2002 the association has been created. In association has entered KHK, Catholic university of Löven, 11 colleges and Catholic university Bruxelles. In general in this association of universities more than 70 000 students in 23 cities of Flanders are studied. KHK

takes part in projects ERASMUS, Leonardo and Tempus, including mobility students and teachers, working out of pilot projects, modernisation of curriculum. KHK also actively participates in working out of projects (with KULeuven association) and in ERASMUS BELGICA (the exchange program between communities with different languages in Belgium). KHK take part in program budgeting of these projects.

9. Surnames, names, posts, contact phones and addresses of scientists to which the sent person contacted during business trip about professional work:

University of Genoa.

Professor Adriano Giovanelli – The secretary of the Italian-French university, chief Tempus of projects (adriano.giovanelli@unige.it, t. +390114159777, www.universita-italo-francese.org). He is perspective for organisation of Tempus projects and the further development of interchanges of universities.

Professor Laura Salmon (Piazza S. Sabina 2 – 16124 Genova (Italia), salmon@unige.it, t. +390102095965). She is chief of a direction on Russian language and literature. She trains Russian students and post-graduate students in the Italian language and the Italian students and post-graduate students to Russian language and the literature. She will organise training of Italians in Russia. She is interested in a training of the own students to Volgograd. She is perspective for the organisation of an exchange of students.

Professor Gianni Vernazza (Via Montallegro, 1, I – 16145 Genova (Italia), vernazza@pres.inge.unige.it, t. +39 0103532400). He is dean of engineering faculty; he is perspective for the organisation of interchanges by students and employees. Except FEVT faculty it is necessary to pay attention to work of the given faculty to tractor and machine-building faculties of our university.

Professor Alessandro Pittaluga (Via XX Settembre, 41, Genova (Italia), a.pittaluga@liguriainternational.it, t. +39 0108603254). The member of presidium of company of communication the Russian Federation – Ligurijsky area, he is perspective for the organisation joint business-project.

Professor Carmelina Ruggiero (Via all'Opera Pia, 13, 16145 Genova (Italia), carmel@dist.unige.it, t. +39 0103532991). She is head of nanotechnologies laboratory in communications, computer and system sciences department. The interest to its works from electronic and computer techniques department and medical academies is possible.

Professor Roberto Sacile (Via all'Opera Pia, 13, 16145 Genova (Italia), roberto.sacile@unige.it, t. +39 0103532153). He is chief of information technology department. He is most perspective for communication with electronic and computer techniques department.

Professor Ermanno Di Zitti (Via all'Opera Pia, 11, 16145 Genova (Italia), dizitti@unige.it, t. +39 0103532788). He works on biophysics and electronic engineering department. He has interesting works in nanotechnologies and molecular electronics area. The equipment for diagnostics of knee meniscuses at molecular level is created.

Professor Pieriugi Chiassoni (Via Balbi, 30, 16126, Genova (Italia), pieriugi.chiassoni@unige.it, t. +39 0102099955). Philosophy and sociology department.

KNK University.

Karel Dekoninck, internationale relaties departement IBW (KHKempen, Kleinhoefstraat 4, B2440 Geel, karel.dekoninck@khk.be, t. +32 14562310).

Jan Dekelver, project manager, departement IBW (KHKempen, Kleinhoefstraat 4, B2440 Geel, jan.dekelver@khk.de, t. +32 14562310).

10. Results of preliminary talks about an establishment of business ties: At university of Genoa preliminary talk with departments of engineering faculty, in particular, with information technology department is carried out. The arrangement on an exchange of materials of completed science work and directions of researches for the purpose of cooperation is reached. It is planned in 2009 – 2011 to organise mutual training of students and employees of universities in context of Tempus programs.

At university KHK arrangements on continuation of an exchange by teachers, training of students of VSTU, works on searching financing for exchange by students and employees, and also joint research work have been reached. Financing of research work is supposed by the state and private structures of European communities.

11. Personal estimation of business trip productivity: In my opinion, productivity of business trip is well enough. By results of the works carried out during business trip, creation of the whole complex of scientific and education-methodical actions at CAD department and development of the further contacts to universities of Genoa and Gilja are planned.

12. Carrying out actions on basis of business trip results:

In September – October, 2009 the international scientific seminar with scientists of Italy, Belgium, Finland, Scotland and the Russian universities-participants of Tempus programs (it is possible within the framework of the next International conference on an information technology of VSTU) will be hold;

September – October, 2008 two senior lecturers of CAD department will be sent to Belgium (Geel) and Italy (Genoa) on training for a period of one month;

In February – March, 2009 two post-graduate students of CAD department will be send to Belgium (Gil) and Italy (Genoa) on training for two weeks;

Scientific contacts, information interchange to universities of Genoa and Geel will develop.

Sign of person:

Fomenkov S.A.

Chief of CAD department

Professor, full doctor

Kamaev V.A.