



«**TEMPUS CRIST** және **FP7 SEOCA** жобалары бойынша ғарыштық техника және экожүйелерді ғаламдық бақылау саласындағы ынтымақтастықты дамыту»
Еуропалық жобалар Халықаралық конференциясы

24-27 қазан 2011 ж., Астана қ., Қазақстан

International Conference of European projects «Building partnerships in the field of space technology and eco-systems monitoring based on the experience of the
TEMPUS CRIST and **FP7 SEOCA** Project results»

October 24 - 27 2011, Astana, Kazakhstan

Международная конференция Европейских проектов
«Развитие сотрудничества и партнерств в области космической техники и глобального мониторинга экосистем с учетом опыта и результатов проектов
TEMPUS CRIST и **FP7 SEOCA**»

24-27 октября 2011 г., г. Астана, Казахстан

Program
October 24 - 27, 2011

Conference on EU projects TEMPUS-CRIST & FP7-SEOCA

"Prospects of development of international cooperation in Higher Education and Science in the field of space technology and monitoring of ecosystems with space tools."

" GEO capacity building initiative in Central Asia."

24 October 2011

Venue: L.N. Gumilyov Eurasian National University, Astana, Munaytpasov 5, train. / lab building; Conference hall

9:30-10:00 – check-in of participants

Time	Event	Speaker	Institution
10:00-10:15	Welcoming speech to open conference	Sadykov E. B.	ENU named after L. Gumilev, Rector
10:15-10:30	Development of space sciences in Republic Kazakhstan in 2010-2014	Moldabekov M.M.	Space agency, Republic Kazakhstan Deputy Chairman
10:30-10:40	Welcoming speech of Ministry of Education and Science of Republic Kazakhstan		Ministry of Education and Science of Republic Kazakhstan
10:40-10:50	Welcoming speech of National TEMPUS Office (NTO) of Republic Kazakhstan on TEMPUS contribution into modernization of Higher of Education in RK	Tasbulatova Sh. U.	NTO, Republic Kazakhstan
10:50-11:00	Welcoming speech of German Embassy in Republic Kazakhstan	Dr. Guido Herz	German Embassy in Republic Kazakhstan, Ambassador
11:00-11:10	Welcoming speech of European manager of the projects TEMPUS-CRIST and FP7-SEOCA on special features of these projects and international collaboration in the field of space technologies and monitoring of environment	Dr. A. Sterenharz	ECM Office, Berlin (DE)
11:10-11:20	Welcoming speech of coordinator of developing international relations from De Nayer institute Lessius Mechelen University	Ing. Peter Arras	Lessius Mechelen University, De Nayer institute(BE)

11:20-11:35-	Environment monitoring capacities and activities in TÜBİTAK UZAY, Turkey	Rukiye Özçivelek	TUBITAK UZAY, Uzay Teknolojileri Arastirma Enstitusu (TR)
11:35-11:50	Multiple use and Integration of Satellite data	Bogonokolos, Nikos	Aratos Technologies S.A. (GR)
11:50-12:20	Photo Session and coffee break		
12:20-12:30	Developing of an internet based access system to European and Russian space data – project MEDEO	Raschupkin A.A.	Samara Space Centre (RU)
12:30-12:40	Satellite technologies of 'Yuzhnoye design office	Velichko S. S.	Yuzhnoye design office (UA)
12:40-14:30 Lunch break in restaurant 'Sheherezada' (Price each person: Tenge 1300,--)			
14:30-17:30 'Outcomes of TEMPUS- CRIST and prospects of development of international cooperation in Higher Education and science in the field of space technology and monitoring of ecosystems with space instruments '			
Short reports/presentations of consortium partners of TEPMPUS-CRIST: universities /organizations from Russia, Ukraine, Kazakhstan (moderator Dr. A. Sterengarts)			
Place of conferencing: ENU named after L. Gumilev, Astana, Munaytpasov 5, train. /lab building, room 809			
14:40-14:50	Ohotkin K.G.	Siberia State Aerospace University (SibSAU), Krasnoyarsk, RU	
15:00-15:10	Belokonov I.V.	Samara State Aerospace University (SSAU), Samara, RU	
15:10-15:20	Tolpegin O.A.	Baltic State Technical University (BSTU), Sankt –Petersburg, RU	
15:20-15:30	Petrenko A.N.	Dnepropetrowsk National University (DNU), Dnepropetrowsk, UA	
15:30-15:40	Gubin S.V.	National University of Aerospace (NAU), Charkiw, UA	
15:50-16:00	Zbrutski A.V.	Ukrainian National Technical University (NTU KPI), Kiev, UA	
16:00-16:10	Hutornoy V.V.	National Centre of Aerospace of youth education, Dnepropetrowsk, UA	
16:10-6:25 Coffee break			
16:25-16:35	Baltybekov K.S.	Eurasien National University (ENU), Astana	

16:35-16:45	Zhetesova G.S.	Karaganda State Technical University (KSTU), Karaganda, KZ
16:45-16:55	Danilov I.	Information Satellit System „ISS“, Krasnoyarsk, RU
16:55-17:20	Presentation of curricula published by consortium universities in the frames of the project (presented by composers)	
17:20-18:00	Sizing-up, matching of Memorandum on collaboration and sustainable development of CRIST outcomes for the following 5 years	

14:30 Astana Tour for foreign visitors of SEOCA

25 October 2011

For participants at the project 'Development of GEO capacity in Central Asia' (FP7-SEOCA)

"Test of capabilities/ needs and prospects of GEO capacity building for global monitoring in CA"

Place of conferencing: ENU, Astana, Munaytpasov 5, train. /lab build; GEO Office; Room 809

9:00-9:20	Presentation of "Regional White Paper": capability and needs of Central Asia in creation of capacities in global monitoring of environment (GEO GEOSS)	A. Sterenhaz; A. Girenko	ECM Office, DE GIRAF PM, DE
9:20-9:40	Presentation of Regional Pilot DATA Base on quality of surface water	A. Nurhodjaev	The State enterprise "Center of remote sensing and GIS technologies" on the Ministry of Geology the Republic of Uzbekistan
9:40-10:00	First version of Memorandum on developing of higher education curricula aimed to GEO, GIS and DDZ	Z.Z. Shamsiev	Technical State University, Taskent, UZ
10:15-11:35	<ul style="list-style-type: none"> First version of the future action plan aimed to creation capacities on global monitoring of environment (GEO/GEOSS) in every Central Asia country (region Road maps) Creation and action plan for National GEO Offices based on each participating institution from Central Asia 	N. Muratova M. Kasymova S. Olimov	<ul style="list-style-type: none"> - Joint-stock company "The National Center of Space Researches and Technologies"(KZ) - Agency of hydrometeorology on the Ministry for Emergency Situation of the Republic of Kyrgyzstan (KG) - State Agency of hydrometeorology of the Republic of Tadjikistan (TJ)

		L. Shardakova	- Hydrometeorological Research Institute (UZ)
10:35-11:50 Coffee break			
11:50-13:00	Discussion and harmonization of mutual activities, refinement of activities on the final stage of the project to achieve the planned goals	Moderators: A. Sterenharz; A. Girenko	ECM Office, GIRAF PM , DE
13:00-14:30 Lunch break in restaurant 'Sheherezada' (Price each person: Tenge 1300,--)			
15:00-17:30	DEMO and training on operation of GEONETCast terminals	D. Bogdanov	TU Berlin, Scientist
17:30-18:30	DEMO n possibilities of distance control of ground station of small satellites (TU Berlin, TUB SAT, BEESAT)	D. Van Merode	Lessius Mechelen University, De Nayer institute(BE), Researcher /teacher

25 October 2011

For participants at the project 'CRIST '

Place of conferencing: ENU, Astana, Munaytpasov 5, build. 318 and 425

10:00-11.30	Master Class on CAD/CAM/CAE in the new computer room	Ing. Peter Arras; D. Van Merode	Lessius Mechelen University, De Nayer institute(BE), Researcher /teacher
10:00-11.30	Discussion on possible future cooperation between universities based on CRIST outcomes "Unification of postgraduate education including PhD in the field of space technology"	Moderator: A. Sterenharz	ECM Office, DE
11:30-13:00	Master Class / DEMO lesson using control station for small satellites	D. Bogdanov D. Ostroverhov	TU Berlin, DE
13:30-14:30 Lunch break in restaurant 'Sheherezada'			

14:30 Astana Tour for foreign visitors of CRIST

26 October 2011

Place of conferencing: ENU, Astana, Munaytpasov 5, train./lab build.; Room 809

“Networking and cooperation development: partnering in the field of space technologies and global monitoring of environment regarding experience and project outcomes of CRIST and SEOCA (presentations and reports on possible future cooperation)”

9:30-9:50	Calibration of Land surface imaging: Tuz Gölü Calibration Test Site	Rukiye Özcivelek	TUBITAK UZAY, Uzay Teknolojileri Arastirma Enstitusu (TR)
9:50-10:10	Pilot Project for Mapping and Monitoring of Central Asian Wetlands Using Earth Observation Data and Techniques	Koyuncu, Hayati	Jeodijital Bilisim Teknoloji Madencilik Insaat Sanayi ve Ticaret Limited Sirketi
10:10-10:30	Multiple use and Integration of Satellite data	Bogonokolos, Nikos	Aratos Technologies S.A. (GR)
10:30-10:50	Problem-oriented data processing and ionosphere wave catalogues creation	A. Sterenharz	ECM office (DE)
10:50-11:30 Coffee break			
11:50-12:10	LeSTAR - BIOXE	D. Van Merode	Lessius Mechelen University, De Nayer institute(BE)
12:10-12:30	MicroSAT universal platform for Earth observation "LEOS-50"	D. Bogdanov	TU Berlin, DE
12:30-13:30	Prior sizing up, harmonization of mutual declaration of future cooperation	Moderators: A. Sterenharz; A. Girenko	ECM Office/GIRAF PM (DE)
13:30-14:30 Lunch break in restaurant ‘Sheherezada’ (Price each person: Tenge 1300,--)			
14:30 Excursion to Nazarbayev University for all participants of the conference			
18:00 Banquet in restaurant ASIA, Mirzoyan str.45			

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