Visit of a European Delegation on e-Infrastructures to Russia 23-25 April 2007

General information

Overview

The research and scientific communities around the world have embraced the benefits of advanced information and communication capabilities supporting their collaborative efforts.

It is a step towards a new era where high-speed networks like GÉANT2 and NORDUNet, Grid infrastructures like EGEE, interconnected supercomputer initiatives like DEISA and scientific data repositories like DRIVER, offer a whole new way of collaborative research to be carried out. They provide an opportunity to realise a global virtual research community.

The provision of a seamless and pervasive underlying e-Infrastructure that lays the framework for many new and imaginative network services for the benefit of society is paramount for the creation of a global Information Society and for the realisation of Global Virtual Research Communities.

An important goal of the European Union in general, and more particularly of the European Research Area, is to create an environment where researchers living and working in different countries have access to state-of-the-art networking and computing services in order to pursue their research. Advanced user communities (e.g. in the area of Grids, nuclear physics, radio astronomy, earth observation, etc.) have demonstrated the benefits of advanced communication capabilities and networked applications.

Through various bilateral discussions in the past a common pattern of activities in the area of e-Infrastructures could be identified. Drawing from that, it was felt that **it is time to compare approaches regarding e-Infrastructures in Russia and in the rest of the European continent** and build on communalities.

The visit and the meetings foreseen are designed to address and highlight these issues and have the potential of consolidating new cooperation steps. Subsequent actions will seek to foster further collaboration on this subject of world wide interest.

It constitutes a first opportunity to carry out multidisciplinary discussions, as the European delegation will be composed of representatives of funding authorities, National Research and Education Networks, GÉANT2, Grid infrastructures, supercomputer initiatives, scientific data repositories and advanced scientific users.

Objectives

The visit of a European e-Infrastructure Delegation to Russia has the following objectives:

- Discuss and explore the impact of e-Infrastructure activities;
- Discuss bilateral relations and potential future joint collaboration activities;
- Analyse the impact of ongoing collaboration in the area of national and regional research and education networks and backbones, Grid infrastructure initiatives, supercomputing efforts, scientific data repositories and the support to advanced e-Infrastructure user communities;
- Promote international co-ordination and collaboration;
- Emphasise the international dimension of research expanding from regional into global co-operation;
- Further develop a global perspective for e-Infrastructure.

The visit of a European e-Infrastructure Delegation to Russia will have three distinctive parts addressing the above objectives.

- The first part will consist of meetings with Russian partners in the area of research networking and supercomputing activities;
- The second part will be meetings with Russian funding authorities in the area of science and research;
- The third part will be visits to Grid infrastructures, meetings on joint Grid research and meetings with Russian sector actors in the field of scientific data repositories.

The visit of a European e-Infrastructure Delegation to Russia will allow for meetings and group discussions to be organised around that visit. This will foster the preparation and follow up on further joint initiatives and activities.

Participants

The visit of a European e-Infrastructure Delegation to Russia is an ideal forum for leading experts and managers from Science and (Industrial) Research active in the area of advanced research networking, Grids, supercomputing, scientific data repositories and advanced science communities from Europe or Russia.

List of European participants:

Ulf Dahlsten	Director, European Commission
	Information Society Directorate-General
	Emerging Technologies & Infrastructures
	(europa.eu.int/comm/dgs/information_society/directory/index_en.
	<u>htm</u>)
Mario Campolargo	Head of Unit, European Commission
	Information Society Directorate-General
	GEANT & e-Infrastructures (cordis.europa.eu/ist/rn/home.html)
Gordon Lennox	Desk Officer, European Commission
	Information Society Directorate-General
	International Relations
Bernhard Fabianek	Research Networking Officer, European Commission
	Information Society Directorate-General
	GÉANT & e-Infrastructure Unit
Richard Burger	Science & Technology Counsellor
	European Commission Delegation in Moscow
Jan Windmüller	Chairman of the European Network Policy Group
	(Group of senior government officials funding research
	networking activities in Europe) (<u>www.enpg.org</u>)
Gard Titlestad	Head of Department of Education, Research and Labour Affairs
	The Nordic Council of Ministers (<u>www.norden.org</u>)
Vasilis Maglaris	Chairman of the National Research and Education Network
-	Policy Committee (Group of NREN CEOs operating research
	networks across Europe)
Hans Döbbeling	Co-ordinator of GÉANT2
	(European research and education network backbone)
	(<u>www.dante.net</u> and <u>www.geant2.net</u>)
Rene Buch	CEO of NORDUnet
	(Research and education network backbone of the Nordic countries)
	(<u>www.nordu.net</u>)
Robert Jones	Co-ordinator of EGEE-II (Grid infrastructure) (<u>www.eu-egee.org</u>)
Leif Laaksonen	Chairman of the <i>e</i> Infrastructure Reflection Group
	(Representatives of European governments that discusses e-
	science and e-infrastructure) (www.e-irg.org)

Logistics, Further Information

The visit of a European e-Infrastructure Delegation to Russia is organised by the Information Society and Media Directorate-General of the European Commission with participation from European projects.

Addresses and useful Information

Accommodation	Remark
Hotel Metropol	Reservations through Ms Tanya Marzhanovskaya
1/4, Teatralny proezd	(Tatiana.Marzhanovskaya@ec.europa.eu) from the EC
109012 Moscow	Delegation in Moscow
Tel: +7 499 501 78 00	
Fax: +7 499 501 78 10	Main Local Contact:
Email: metropol@metmos.ru	Tanya Marzhanovskaya
WWW: metropol.teleflot.ru/en/	Administration and General Services
	Delegation of the European Commission to Russia
	Tel: +7 495 721 2029
	Fax: +7 495 721 2020
	www.delrus.ec.europa.eu

European Commission Delegation	ICT and e-Infrastructure
Moscow	Russian National Contact Point
Richard Burger	Prof. Valeriy M.Mikhov
Science & Technology Counsellor	Director, Institute of Operating Systems
Delegation of the European	46-50, Kosmodamianskaya naberejnaya, block 3,
Commission to Russia	115035, Moscow, Russia
Kadashevskaya naberezhnaya 14/1	Tel.: +7 495 951-04-04
119017 Moscow, Russia	Fax: +7 495 953-44-75
Tel. +7 495 721 2038	E-mail: Valeriy.Mikhov@iosys.ru
Fax: +7 495 721 2020	www.Russia-IT.org
www.delrus.ec.europa.eu	

The meetings will be held in English.

For more information on the event please contact: Bernhard.Fabianek@ec.europa.eu or Mario.Campolargo@ec.europa.eu

Mario Campolargo - GSM +32 498 9 63479

Bernhard Fabianek - GSM +32 498 9 68578

Flights, arrivals and departures

Name	Arrival	Departure	Transport
Ulf Dahlsten, EC	22 April 2007	26 April 2007	EC Delegation
,	SN 2835 from Brussels	SU 219 to Stockholm	
	15:50 Domodedovo	14:35 Sheremetyevo	
		(Terminal 2)	
Mario Campolargo, EC	22 April 2007	25 April 2007	EC Delegation
	SN 2835 from Brussels	SU 231 to Brussels	
	15:50 Domodedovo	21:10 Sheremetyevo	
		(Terminal 2)	
Gordon Lennox, EC	22 April 2007	26 April 2007	EC Delegation
2014011 20111011, 20	SN 2835 from Brussels	SN 2836 to Brussels	0
	15:50 Domodedovo	16:35 Domodedovo	
Bernhard Fabianek, EC	22 April 2007	26 April 2007	EC Delegation
,	SN 2835 from Brussels	SN 2836 to Brussels	
	15:50 Domodedovo	16:35 Domodedovo	
Jan Windmüller, ENPG	22 April 2007	26 April 2007	JSCC
	SK734 from Copenhagen	SK735 to Copenhagen	
	14:50 Sheremetyevo	15:45 Sheremetyevo	
Gard Titlestad, NCM	22 April 2007	24 April 2007	JSCC pick-up
	SK 734 from Copenhagen	SK 8700 to Copenhagen	IOS
	14:50 Sheremetyevo	21:25 Sheremetyevo	retour
Vasilis Maglaris, NREN PC	22 April 2007	25 April 2007	JSCC
	LH 3194 from Munich	LH 3195 to Munich	
	16:10 Sheremetyevo	17:20 Sheremetyevo	
Hans Döbbeling, GÉANT	22 April 2007	25 April 2007	JSCC
8,	LH3186 from Frankfurt	Niki Airline to Vienna	
	18:05 Sheremetyevo	17:35 Domodedovo	
Rene Buch, NORDUnet	22 April 2007	25 April 2007	JSCC
	SK734 from Copenhagen	SK735 to Copenhagen	
	14:50 Sheremetyevo	15:45 Sheremetyevo	
Robert Jones, EGEE	22 April 2007	25 April 2007	Valeriy Mikhov
	LX1334 from Geneva	LX1335 to Geneva	pick-up
	13:55 Domodedovo	18:35 Domodedovo	MSU retour
Leif Laaksonen, eIRG	22 April 2007	26 April 2007	IOS
	AY 155 from Helsinki	AY 154 to Helsinki	
	18:45 Sheremetyevo	12:55 Sheremetyevo	
	(Terminal 2)	(Terminal 2)	

Timetable

Sunday, 22 April	Flight Brussels - Moscow in the morning
	Transfer to Hotel
	Preparatory meeting and meeting with the EU Delegation
Monday, 23 April	Meeting at Joint Supercomputing Centre of the Russian Academy
Russian Academy of	of Sciences
Sciences	
Tuesday, 24 April	Meeting with at Kurchatov Institute with participation from
Kurchatov Institute	Ministry of Education and Science, Moscow State University, and
for Atomic Energy	Informika
Wednesday, 25 April	Meeting at Joint Supercomputing Centre of the Russian Academy
	of Sciences with participation of RUNNET, RBNet, Novosibirsk
	Russia-EU Information Society Dialogue
	Ministry of Information Technology and Communication
	Bilateral meetings
Thursday, 26 April	Russia-EU Information Society Dialogue
	Ministry of Information Technology and Communication
	Bilateral meetings
	Flight Moscow - Brussels

The meetings also include the relevant users groups.

Sunday, 22 April

DATE	TIME	TOPIC/AGENDA ITEM	NOTES
Sunday,	20.00-	Preparatory Meeting	GOALS
22 April	22.30	Afterwards joint Dinner	 Discuss and explore common position and strategy for the meetings ahead Prepare common presentation Get a briefing and background information from the EC Delegation Get a briefing and background information from the ICT and e-Infrastructure Russian National Contact Point

Participants:

NA	ME	ORGANIZATION	TITLE
1.	Richard Burger	EC Delegation Moscow	Science Advisor
2.	Valeriy Mikhov	Institute of Operating Systems	ICT and e-Infrastructure National Contact Point

Contact Person: Mario Campolargo; GSM +32 498 9 63479

DATE	TIME	TOPIC/AGENDA ITEM	NOTES
Monday, 23 April	8:45	Meeting near Reception of Metropol and transfer to JSCC	
JSCĊ	9.30- 10.00	 Welcome and Introductions Head of JSCC Ministry of Information Technology and Communications Gennady Savin Ulf Dahlsten, European Commission Gard Titlestad, Nordic Council of Ministers 	 GOALS Discuss and explore the impact of e-Infrastructure activities Discuss bilateral relations and potential future joint collaboration activities Analyse the impact of ongoing collaboration in the area e-Science, national and regional research and education networks and backbones, Grid infrastructure initiatives, and supercomputing activities; Promote international co-ordination and collaboration; Emphasise the international dimension of research expanding from regional into global co-operation; Further develop a global perspective for e-Infrastructure;
	10.00- 10.45	Plenary – Supercomputing activities in Russia	Gennady Savin organises
	10.45- 11.00	Break	
	11.00- 11.45	Plenary – European supercomputing activities	Mario Campolargo organises
	11.45- 12.30 12.30-	Discussion on possible joint actions	
	14.00		
Russian Academy of Science	14.00- 14.15	 Welcome and Introductions Yury Osipov, President of RAS Ministry of Information Technology and Communications Gennady Savin, JSCC Ulf Dahlsten, European Commission Gard Titlestad, Nordic Council of Ministers 	
	14.15- 15.30 15.30- 16.00	Roundtable Discussion - Russian and European e-Science and e-Infrastructure activities Break and transfer back to JSCC	Russian Academy of Sciences organises
JSCC	16.00- 16.30	Plenary – Russian e-Science and e-Infrastructure activities	Gennady Savin organises
	16.30- 17.00 17.00- 17.15	Plenary – European and Nordic e-Infrastructure activities Discussion on possible joint actions with Russia in the area of e-Science and e-infrastructures	Mario Campolargo and Gard Titlestad organise
	17.15- 17.45	<u> Plenary – Scientific Data Repositories in</u> <u>Russia</u>	Alexander Sotnikov organises
	17.45- 18.15 18.15	Plenary – European Scientific Data Repository activities Closing and Wrap-up	Mario Campolargo organises
	10.15	Opportunities for Joint Collaboration	

Monday, 23 April – Joint Supercomputing Centre of the Russian Academy of Sciences

Dinner hosted by the Joint Supercomputing Centre of the Russian Academy of Sciences

Contact Person	Meeting Adresses
Marat Biktimirov	Joint Supercomputing Centre - JSCC
General Director	Building of Presidium of Russian Academy of Sciences
Academinform JSCC	32a, Leninsky prospect
32a Lenynsky prospect	119991 Moscow
119991 Moscow	Presidium of Russian Academy of Sciences - RAS
Tel: +7 095 93 86 073	Office of President of RAS
GSM: +7 985 10 18 155	14, Leninsky prospect
Email: <u>marat@ras.ru</u>	119991 Moscow

Participants for 23rd and 25th April Meetings:

NA		ORGANIZATION	TITLE	AREA OF INTEREST
1.	Savin Gennady	Joint Supercomputer Center Russian Academy of Sciences	Director	Networking High Performance Computing
2.	Zhizhchenko Alexey	Department of Mathematics Russian Academy of Sciences	Vice-Chairman	Networking High Performance Computing Scientific Repositories
3.	Maltsev Arkadii	Russian Academy of Sciences	Assistant to the President	
4.	Kalenov Nikolai	The Library for Natural Sciences	Director	Scientific Repositories
5.	Berdyshev Vitalii	Institute of Mathematics of and Mechanics, Ural Division of Russian Academy of Sciences	Director	High Performance Computing Networking
6.	Fedotov Anatoly	Institute of Computational Technologies, Siberian Branch of Russian Academy of Sciences	Deputy Director	High Performance Computing Networking
7.	Ilyin Viacheslav	Institute for Nuclear Research, Moscow State University	Deputy Director	Grids
8.	Tichonov Alexander	State Institute of Information Technologies and Telecommunications	Director	Networking
9.	Izhvanov Jury	State Institute of Information Technologies and Telecommunications	Deputy Director	Networking
10.	Soldatov Alexei	Institute for Information Systems of Kurchatov Institute for Atomic Energy	Director	Networking High Performance Computing
11.	Platonov Alexei	Russian Institute for Public Networks	Director	Networking
	Astafev Maxim	Supercomputer Center of Kazan Branch of Russian Academy of Sciences	Director	High Performance Computing
	Betelin Vladimir	Kurchatov Institute for Atomic Energy	Vice-president	
	Voevodin Vladimir	Moscow State University, Computer Center	Deputy Director	Grids High Performance Computing
15.	Aldoshin Sergey	Scientific Center Russian Academy of Sciences at Chernogolovka	Chairman Academician	
16.	Mikhov Valeriy	Institute of Operating Systems IST NCP of the Russian Federation	Director	
	Shabanov Boris	Joint Supercomputer Center Russian Academy of Sciences	Deputy Director	High Performance Computing
	Sotnikov Alexander	Joint Supercomputer Center Russian Academy of Sciences	Deputy Director	Scientific Repositories
19.	Biktimirov Marat	Joint Supercomputer Center Russian Academy of Sciences	Head of Laboratory	Networking

DATE	TIME	TOPIC/AGENDA ITEM	NOTES
Tuesday, 24 April	8:45	Meeting near Reception of Metropol and transfer to Kurchatov Institute	
•	9.30-	Welcome and Introductions	GOALS
	10.00	 Head of Kurchatov Institute Ministry of Education and Science Ministry of Information Technology and Communications Russian Academy of Sciences Lomonosov Moscow State University Federal Agency for Science and Innovations Federal Agency for Education Informika Ulf Dahlsten, European Commission Gard Titlestad, Nordic Council of Ministers 	 Discuss and explore the impact of e-Infrastructure activities Discuss bilateral relations and potential future joint collaboration activities Analyse the impact of ongoing collaboration in the area e-Science, national and regional research and education networks and backbones, Grid infrastructure initiatives, and supercomputing activities; Promote international co-ordination and collaboration; Emphasise the international dimension of research expanding from regional into global co-operation Further develop a global perspective for e-Infrastructure;
	10.00-	Plenary – Russian e-Infrastructure activities	Ministry of Ministry of Education and
	10.45		Science organises
	10.45-	Plenary – Nordic Countries e-Infrastructure	Gard Titlestad organises
	11.30	activities	(leaves Moscow in the afternoon)
	11.30-	Break	
	11.45	Broan	
	11.45- 12.30	<u> Plenary – European e-Infrastructure</u> activities	Mario Campolargo organises
	12.30- 14.00	Lunch	
	14.00- 14.30	Plenary – Russian e-Infrastructure activities	Alexei Soldatov organises
	14.45-	Russian participation in EGEE project and	Slava Ilyin organises
	15.30 15.30-	<u>related Grid initiatives</u> Break	
	15.30-	Dieak	
	16.45- 17.00	Discussion on possible joint actions on developing e-Infrastructure and e-Science in Europe and Russia	
	17.00	Closing and Wrap-up	

Dinner hosted by: Kurchatov Institute for Atomic Energy, Russian Academy of Sciences and Moscow State University

Contact Person	Meeting Adresses
Alexei A. Soldatov	Kurchatov Institute for Atomic Energy
Director	Kurchatov Sq., 1
Russian Research Centre Kurchatov Institute	123182 Moscow
Institute of Information Systems	
Kurchatov Sq., 1	
123182 Moscow	
Tel: +7 499 196 74 52	
GSM: +7 495 760 18 97	
Email: <u>saa@kiae.ru</u>	
Artem Prokhorov	
Deputy Director	
International Cooperation	
Kurchatov Sq., 1	
123182 Moscow	
Tel: +7 499 196 79 31	
Email: prokhorov_am@kiae.ru	

Additional Participants:

NA	ME	ORGANIZATION	TITLE	AREA OF INTEREST
1.	Victor L. Aksenov	RRC "Kurchatov Institute"	Deputy Director	Nanotechnology
2.	Artem Prokhorov	RRC "Kurchatov Institute"	Deputy Director	International Cooperation
1.	Vladimir V. Korenkov	Laboratory of Information Technology, JINR, Dubna	Deputy Director	Grids, Networking, HEP
2.	Yury F. Ryabov	Petersburg Nuclear Physics Institute (Gatchina)	Head of Information Technology Department	Grids, Networking, HEP
3.	Igor B.Semenov	RRC "Kurchatov Institute"	Head of Laboratory	Computing for Fusion Applications, Grids
4.	Sergei M. Abramov	Psi RAS	Director	High Performance Computing, Grids
5.	Mikhail A. Zhizhin	GC RAS	Head of Laboratory	Grids ,Geophysics
6.	Victor A. Abramovsky	Novgorod St. Univ.	Head of Laboratory	Grids, HEP

DATE	TIME	TOPIC/AGENDA ITEM	NOTES
Wednesday,	9.00-	Welcome and Introductions	GOALS
25 April	9.30	Gennady Savin	 Discuss and explore the impact of
		 Alexander Tichonov 	research networking activities in
		 Alexey Soldatov 	Russia
		 Mario Campolargo 	 Present GÉANT2 activities with Russia
			 Present Nordic research networking activities with Russia
			 Present ORIENT
			and OCCASION/SILK
			 Present GLORIAD
			 Discuss bilateral relations and
			potential future joint networking activities;
			Analyse the impact of ongoing
			collaboration in the area of national
			and regional research and education
			networks and backbones;
			Promote international co-ordination
			and collaboration;
			Emphasise the international
			dimension of research expanding
			from regional into global co-operation
			 Identify user communities benefiting
			from enhanced connectivity;
			 Further develop a global perspective
			on research networking;
	9.30-	Plenary – Russian research networking	Marat Biktimirov organises
	10.15	activities	
	10.15-	Break	
	10.45		
	10.45	Plenary – International dimension of	Mario Campolargo organizes
	11.30	European research networking activities	
	11.30-	Closing and Wrap-up	
	12.00	Opportunities for Joint Collaboration	

Wednesday, 25 April – Meeting at the JSCC on Research Networking

For the people not dealing with networking: morning and afternoon free for bilateral meetings following up on the meetings of the two previous days.

Participants:

NAME		ORGANIZATION	TITLE	AREA OF INTEREST
1.	Savin Gennady	Joint Supercomputer Center Russian Academy of Sciences	Director	Networking High Performance Computing
2.	Zhizhchenko Alexey	Department of Mathematics Russian Academy of Sciences	Vice-Chairman	
3.	Kalenov Nikolai	The Library for Natural Sciences	Director	Scientific Repositories
4.	Berdyshev Vitalii	Institute of Mathematics of and Mechanics, Ural Division of Russian Academy of Sciences	Director	
5.	Fedotov Anatoly	Institute of Computational Technologies, Siberian Branch of Russian Academy of Sciences	Deputy Director	High Performance Computing
6.	Ilyin Viacheslav	Institute for Nuclear Research, Moscow State University	Deputy Director	Grids
7.	Tichonov Alexander	State Institute of Information Technologies and Telecommunications	Director	Networking
8.	Izhvanov Jury	State Institute of Information Technologies and Telecommunications	Deputy Director	Networking
9.	Soldatov Alexei	Institute for Information Systems of Kurchatov Institute for Atomic Energy	Director	Networking
10.	Platonov Alexei	Russian Institute for Public Networks	Director	Networking
11.	Astafev Maxim	Supercomputer Center of Kazan Branch of Russian Academy of Sciences	Director	High Performance Computing
12.	Voevodin Vladimir	Moscow State University, Computer Center	Deputy Director	Grids High Performance Computing
13.	Mikhov Valeriy	Institute of Operating Systems IST NCP of the Russian Federation	Director	
14.	Sotnikov Alexander	Joint Supercomputer Center Russian Academy of Sciences	Deputy Director	Scientific Repositories
	Shabanov Boris	Joint Supercomputer Center Russian Academy of Sciences	Deputy Director	High Performance Computing
	Biktimirov Marat	Joint Supercomputer Center Russian Academy of Sciences	Head of Laboratory	Networking
	Ovsyannikov Alexey	Joint Supercomputer Center Russian Academy of Sciences	Head of Department	Networking
18.	Zhizhchenko Mikhail	Joint Supercomputer Center Russian Academy of Sciences	Deputy Head of Laboratory	Networking

Wednesday, 25 April - Afternoon

For the people still staying: further bilateral meetings

Or afternoon: flight back from Moscow

DATE	TIME	TOPIC/AGENDA ITEM	NOTES
Thursday, 26 April	9.15- 10.15	Skobeltsyn Institute of Nuclear Physics Mikhail Panasyuk Vladimir Kalegaev Viacheslav Ilyin Ulf Dahlsten	 GOALS Discuss and explore the impact of research infrastructure activities in Russia; Discuss bilateral relations and potential future joint activities; Analyse the impact of ongoing collaboration; Promote international co-ordination and collaboration; Emphasise the international dimension of research expanding from regional into global co-operation; Identify user communities benefiting from enhanced connectivity;
	10.15-12.00	Research Computing Center Alexander Tikhonravov Vladimir Voevodin Natalia Loukachevitch Viacheslav Ilyin Ulf Dahlsten	 GOALS Discuss and explore the impact of e-Infrastructure and supercomputing activities Discuss bilateral relations and potential future joint collaboration activities Promote international co-ordination and collaboration; Emphasise the international dimension of research expanding from regional into global co-operation;
	12.00- 12.15	Closing and Wrap-up	

Thursday, 26 April – Meeting at Moscow State University

25 April – Afternoon and 26 April - Morning EU-Russia Information Society Dialogue Ministry of Information Technology and Communications

Agenda will be provided by the colleagues from the International Unit.

The Dialogue will have two distinct sessions: One on telecoms regulatory aspects (in the morning); and a second one on joint research activities (in the afternoon). Each of the sessions will last for half a day.

Participants of the European Delegation on e-Infrastructures to Russia will not be able to participate in the Dialogue Meeting.