



AMBASSADE DE FRANCE
EN RUSSIE



RUSSIAN-FRENCH WORKSHOP ON BIG DATA APPLICATIONS

December 2, 2016

Venue: National Research University Higher School of Economics (HSE)

11, Myasnitskaya¹, rooms 323, 325

09:00-09:30 – Registration (3d floor, hall)

09:30-10:00 – Opening Remarks (room 325)

Ivan Prostakov, HSE, Vice Rector

Marina Bykova, Delegation of the European Union to Russia. *Horizon 2020*

Alexis Michel, Ambassade de France en Russie. *Bilateral Tools*

10:00-12:00 **THE SCOPE OF BIG DATA** (room 325)

Chair: Mikhail Belyaev, PhD, Center for Data Intensive Science and Engineering at Skolkovo Institute of Science and Technology

1. **Igor Bychkov, Roman Fedorov**, Matrosov Institute for System Dynamics and Control Theory of Siberian Branch of Russian Academy of Sciences. *Effective Services Composition Execution for Big Data*
2. **Herve Glotin**, Centre National de la Recherche Scientifique, MADICS and IUF. *Scaled Acoustics for biodiversity (whales, birds at Tchernobyl...) and other surveys*
3. **Michael Ustinin, Anna Boyko**, Institute of Mathematical Problems of Biology of Russian Academy of Sciences - the Branch of Keldysh Institute of Applied Mathematics of Russian Academy of Sciences. *Analysis of Big Data in Neuroscience*

¹ see the map on the last page



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4. **Olga Gorchinskaya**, FORS Group. *ForSMedia - Social Network Analytics for Customer Profile*
5. **Marc-Arthur Diaye**, Université Paris 1 Panthéon-Sorbonne, Université d'Evry-Val-d'Essonne, **Gleb Koshevoy**, Central Economics and Mathematics Institute of Russian Academy of Sciences. *Higher zonoids orderings*
6. **Mikhail Belyaev**, Center for Data Intensive Science and Engineering at Skolkovo Institute of Science and Technology. *CoBrain Project: Analysis of Big Data in Neuroscience*

12:00-12:30 – Coffee Break (3d floor, hall)

12:30-14:00

BIG DATA METHODS, MODELS AND TOOLS. Session 1 (room 325)

Chair: Fuad T. Aleskerov, D.Sc., Professor, Department of Mathematics, HSE

1. **Denis Nasonov**, ITMO University. *Hybrid scheduling algorithms for data-intensive computations*
2. **Roman Gots**, ATOS IT Solutions and Services LLC. *Atos Codex & Big Data: computing by Bull and Genomics analytic practice by Atos*
3. **Fuad T. Aleskerov**, National Research University Higher School of Economics. *Choice Procedures in Big Data Analysis*
4. **Atlas Akhmetzyanov, Aleksey Kushner, Valentin Lychagin, V.A. Trapeznikov** Institute of Control Sciences of Russian Academy of Sciences. *Nontraditional methods of simulation of filtering of fluids in porous environments*



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THE IMPACT OF BIG DATA. Session 1 (room 323)

Chair: Petr Panfilov, PhD, Associate Professor, School of Business Informatics, HSE

1. **Nikolay Butakov**, ITMO University, St. Petersburg. *Big data in a cyberspace: recognition and simulation of critical phenomena in social networks*
2. **Dmitriy Makarenko**, V.A. Trapeznikov Institute of control sciences of Russian Academy of Sciences. *Information-analytical system for monitoring of situation development*
3. **Jérémie Jakubowicz**, Télécom SudParis. *Teralab*
4. **Aleksey Sidorin**, CROC. *Topic TBA*
5. **Philippe Micaelli**, Qwant S.A.S. *Topic TBA*

14:00-15:00 – Lunch (13/1, Myasnitskaya, restaurant “Archive-13”
<http://archiveclub.ru/contact>)

15:00-17:30

BIG DATA METHODS, MODELS, TOOLS. Session 2 (room 325)

Chair: Oleg Suhoroslov, PhD, Institute for Information Transmission Problems of the Russian Academy of Sciences (Kharkevich Institute)

1. **Dmitriy Vetrov**, National Research University Higher School of Economics. *NeuroBayes: Convergence of Bayesian framework and deep neural networks in large-scale machine learning problems*
2. **Vera Shalaeva**, Laboratoire d'Informatique de Grenoble (AMA group). *Temporal Data Mining*
3. **Artem Petrosyan**, Joint Institute for Nuclear Research. *Distributed computing and Big Data at JINR*
4. **Oleg Suhoroslov**, Institute for Information Transmission Problems of the Russian Academy of Sciences (Kharkevich Institute). *Publication and Reuse of Big Data Applications as Services*



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5. **Mikhail Posypkin**, Federal Research Center «Computer Science and Control» of the Russian Academy of Sciences. *High-performance solutions based on desktop-grids and combined infrastructures*
6. **Cedric du Mouza, Elena Kornyshova**, Conservatoire National des Arts et Métiers. *Big Data: an Information Systems Approach*

THE IMPACT OF BIG DATA. Session 2 (room 323)

Chair: Michail Lugachev, D.Sc., Professor, IBS

1. **Yuriy Lin'kov**, Analytical Center for the Government of the Russian Federation. *Russian applications based on open data*
2. **Mikhail Parfent'ev**, Analytical Center for the Government of the Russian Federation. *Open data in Russia: key figures and insights*
3. **Michail Lugachev**, IBS. *Big Data and the Next Information Revolution*
4. **Arnaud Troussel**, RILOS, Retail Intelligence Location Solutions. *Integration of big data and open data in predictive analytics: the Geomatrix case for retail industry*
5. **Marina Shatskaya**, P.N. Lebedev Physical Institute of the Russian Academy of Sciences. *Big Data for Space VLBI Projects*
6. **Dilara Khannanova**, FactSet SARL. *FactSet: Smart data for Financial Industry and beyond*

17:30-18:00 – Closing Session (room 325).

19:00 – Cocktail Reception (45, Bolshaya Yakimanka, Embassy of France²)

² see the map on the last page



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11, Myasnitskaya

Google Maps (<https://goo.gl/maps/GrbbQQQP7PP2>) or Yandex Maps (<https://yandex.ru/maps/-/CVhK6-1I>)

How to get there

From metro station «Lubyanka»

Exit to Myasnitskaya Ulitsa. Walk along Myasnitskaya Ulitsa

From metro stations «Chistiye Prudy» and «Turgenevskaya»

Walk along Myasnitskaya Ulitsa towards the centre

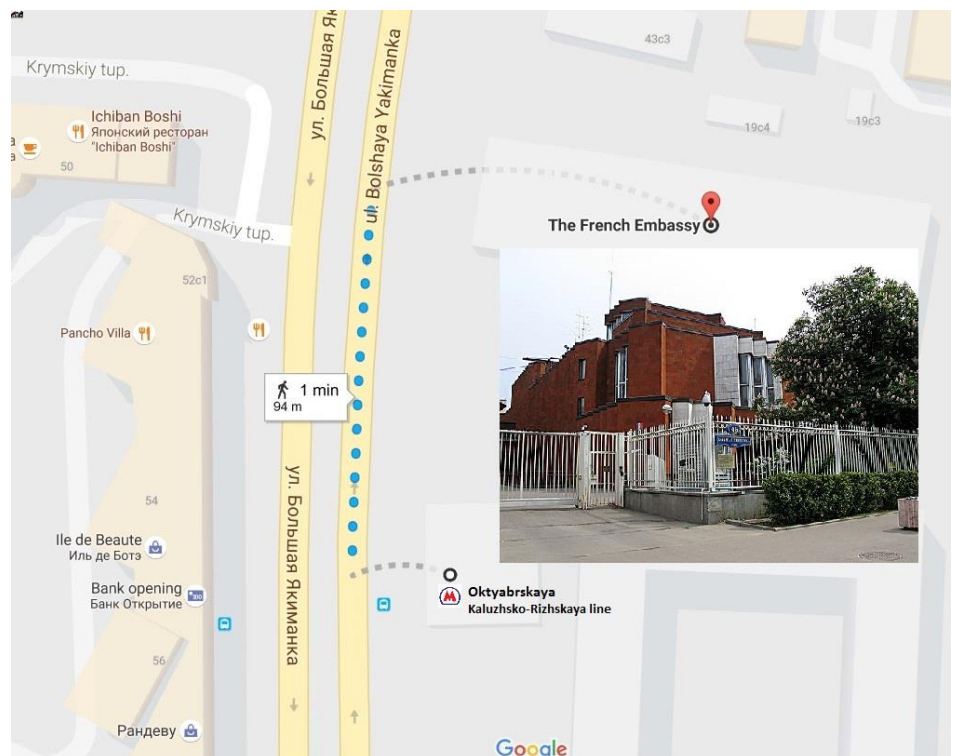
From metro station «Kitay-Gorod»

Exit to Maroseyka Ulitsa. Walk along Maroseyka up to Zlatoustinskiy Bolshoy Pereulok, then walk along the lane up to Myasnitskaya Ulitsa, turn right and cross the street

45, Bolshaya Yakimanka, Embassy of France

Google Maps (<https://goo.gl/maps/ZSstY1FULJJ2>)

Exit from metro station «Oktyabrskaya» (Kaluzhsko-Rizhskaya (orange) line) to Bolshaya Yakimanka Ulitsa



Metro trip from «Lubyanka» to «Oktyabrskaya» (about 12 min):

<https://metro.yandex.ru/moscow?from=9&to=95&route=0>