

## Curriculum Vitae

Andrey Subochev

### EDUCATION

- 1990-1996** Moscow State University, Department of Physics, Quantum Theory and Higher Energies Physics Chair, diploma (summa cum laude) of a specialist in physics.
- 1997-1999** The State University - Higher School of Economics, Department of Master Studies, program "Economic Sociology".
- 2009** The doctoral degree (PhD) was conferred by the National Research University Higher School of Economics for the thesis "Social choice solution concepts".

### PROFESSIONAL EXPERIENCE

- 02.2015 – present** Associate Professor, Department of Mathematics, Faculty of Economic Sciences, National Research University Higher School of Economics
- 12.2009 – present** Senior Researcher, Decision Choice and Analysis Laboratory (DeCAn Lab), National Research University Higher School of Economics.
- 07.2010 – 01.2015** Associate Professor, Chair of Higher Mathematics, Faculty of Economics, National Research University Higher School of Economics
- 02.2009 – 11.2009** Research associate, Laboratory "Methods of choice and analysis of decisions", Center for Fundamental Research, National Research University - Higher School of Economics.
- 02.2008 – 06.2010** Lecturer, Chair of Higher Mathematics, Department of Economics, National Research University - Higher School of Economics.
- 03.2002 – 06.2008** Instructor, "Initiative on Distance Learning" program, affiliated with Stanford Institute for International Studies and Stanford School of Education.
- 09.2006 – 01.2008** Head, Department of Overseas Internships, Center for Professional Development, State University - Higher School of Economics.
- 07.1999 – 08.2006** Lecturer, Chair of General Political Science, Department of Applied Political Science, State University - Higher School of Economics.

### FIELDS OF SCIENTIFIC INTEREST

- Social choice theory
- Game theory and mechanism design
- Spatial theory of voting
- Quantum mechanics
- Mathematical models and methods in social sciences
- Epistemology and its relation to social sciences

### PUBLICATIONS

Articles and book chapters

1. Subochev A., Aleskerov F., Pislyakov V. 2018. Ranking journals using social choice theory methods: A novel approach in bibliometrics. *Journal of Informetrics*, V. 12, Iss. 2, P. 416–429.

2. Subochev A. 2016. How different are the existing ratings of Russian economic journals and how to unify them? *Journal of New Economic Association*, N. 2 (30), P. 181-192 (in Russian). DOI: 10.31737/2221-2264-2016-30-2-9
3. Aleskerov F., Subochev A. 2013. Modeling optimal social choice: matrix-vector representation of various solution concepts based on majority rule. *Journal of Global Optimization*, V. 56, Iss. 2. P. 737-756. (Print version).  
Aleskerov F., Subochev A. Modeling optimal social choice: matrix-vector representation of various solution concepts based on majority rule. *Journal of Global Optimization*. 2012. DOI 10.1007/s10898-012-9907-2 (Web version).
4. Subochev A. 2010. Dominating, weakly stable, and uncovered sets: Properties and generalizations. *Automation and Remote Control*, V. 71, P. 116-127.
5. Aleskerov F., Subochev A. 2009. On Stable Solutions to the Ordinal Social Choice Problem. *Doklady Mathematics*, V. 79, N. 3. P. 437-439.
6. Subochev A. 2005. History of a term “antiglobalism”. The Battle in Seattle. Published as appendices in Denchev K. *Phenomenon of Anti-globalization*. Moscow: State University - Higher School of Economics. (in Russian)
7. Subochev A. 2004. Russian political reform and CIS integration processes: problems and deadlocks. Comments. *Politeia*, No 3. (in Russian)

#### Proceedings of the conferences

1. Subochev A., Pislyakov V. 2018. Ranking Journals Using Social Choice Theory Methods: A Novel Approach in Bibliometrics. In *STI 2018 Conference Proceedings. Proceedings of the 23<sup>rd</sup> International Conference on Science and Technology Indicators*. Leiden: Universiteit Leiden-CWTS. P. 1135-1143. ISBN: 978-90-9031204-0.
2. Subochev A. 2017. Axiomatic analysis of the union of minimal externally stable sets concerning application and implementation of this novel social choice correspondence. In *Proceedings of the XVII April International Academic Conference on Economic and Social Development: in 4 volumes. Volume 1*. Moscow. National Research University Higher School of Economics. P. 111-120. (in Russian)
3. Aleskerov F. T., Pislyakov V., Subochev A. 2016. Ranking Journals Using Social Choice Theory Methods: A Novel Approach in Bibliometrics. In *Proceedings of the 21<sup>st</sup> International Conference on Science and Technology Indicators*. Valencia: Editorial Universitat Politècnica de València. ISBN: 978-84-9048-519-4 (print version). DOI: 10.4995/STI2016.2016.4543 (web version).
4. Subochev A. 2009. Dominant, Weakly Stable, Uncovered Sets: Properties and Extensions. In *Proceedings of the IV International Conference on Control Sciences*. Institute of Control Sciences, Russian Academy of Sciences. Moscow. (in Russian)

#### Working papers

1. Subochev A., Zakhlebin I. Alternative versions of the global competitive industrial performance ranking constructed by methods from social choice theory: Working paper WP7/2014/06. National Research University Higher School of Economics. Moscow: Higher School of Economics Publ. House, 2014.
2. Aleskerov F., Pislyakov V., Subochev A. Ranking Journals In Economics, Management And Political Science By Social Choice Theory Methods / Working papers by NRU Higher School of Economics. Series WP BRP "Science, Technology and Innovation". 2014. No. WP BRP 27/STI/2014.
3. Aleskerov F., Pislyakov V., Subochev A. Rankings of economic journals constructed by methods from Social Choice Theory: Working paper WP7/2013/03. National Research

University Higher School of Economics. Moscow: Higher School of Economics Publ. House, 2013. (in Russian)

4. Aleskerov F., Pislyakov V., Subochev A., Chistyakov A. Rankings of management science journals constructed by methods from Social Choice Theory: Working paper WP7/2011/04. National Research University Higher School of Economics. Moscow: Higher School of Economics Publ. House, 2011. (in Russian)
5. Aleskerov F., Subochev A. 2009. Matrix-vector representation of various solution concepts. Working paper WP7/2009/03. Moscow: SU - Higher School of Economics.
6. Subochev A. 2008. Dominant, Weakly Stable, Uncovered Sets: Properties and Extensions: Working paper WP7/2008/03. Moscow: State University - Higher School of Economics.

#### Miscellanea

- Subochev A., T. Polyannikov. 2006. Does Moscow need Iran? *Novaya Politika* (I-magazine www.novopol.ru). June 30.
- Subochev A. 2006. Temptation of "Eurasianism". *Armageddon*.
- Subochev A., T. Polyannikov. 2005. A retreat from democracy, but not a rout. Interview with C. Blacker. *Nezavisimaya Gazeta*, June 3.
- Subochev A. 1999. The programs we choose (a comparative analysis of the economic promises made by the main Russian parties during 1999 State Duma election campaign). *BOSS: Business, Organization, Strategy, System*, No 11.

#### TRANSLATIONS

- Salvia A. 2002. Russians, Americans and other Europeans. *Otechestvennye Zapiski*, No 3.
- Manning N. 2001. Russia in trouble. *Mir Rossii – Universe of Russia*, No 1.
- Lane D. 2000. The Transformation of State Socialism in Russia: from "Chaotic" Economy to State-led Cooperative Capitalism? *Mir Rossii – Universe of Russia*, No 1.
- Castells M. 2000. *Information Age: Economy, Society and Culture*. Moscow: State University - Higher School of Economics.

#### GRANTS

<b>2012-2013</b>	Collective research project "Constructing Rankings by Social Choice methods" (program "Scientific Foundation of NRU HSE", grant №12-05-0036);
<b>2010-2011</b>	Collective research project "Models of social choice: coalition formation and coalitional procedures" (program "Teacher-Students" of Scientific Foundation of SU-HSE, grant №10-04-0030);
<b>2009-2010</b>	Joint Russian-Turkish research project "Generalized concepts of collective choice and power indices" (grant of Russian Foundation for Basic Research №09-01-91224-CT_a);
<b>2008-2009</b>	Research project "Models of collective decision-making" (program "Teacher-Students" of Scientific Foundation of SU-HSE, grant №08-04-0008);
<b>2004-2005</b>	writing the book "Phenomenon of Antiglobalism" (grant of the World Bank);
<b>2003</b>	teaching Stanford IDL 103 course to a group of Russian alumni of US Academic exchange programs (grant of Project Harmony Inc. (USA));
<b>1999-2000</b>	translation of M. Castells' book "Informational Age: Economy, Society and Culture" (grant of "Open Society" Institute).

#### EXPERIENCE OF TEACHING WORK

Certified as a pedagogical trainer by Stanford School of Education.

## Work in NRU HSE

### Courses:

- Calculus (for students majoring in Business Informatics);
- Social Choice Theory (for students majoring in Economics, for students majoring in Computer Science);
- Methods for analysis of political processes (for students majoring in Political Science);
- Theory of Differential and Difference Equations (for students majoring in Economics);
- Political Science (for students majoring in Law, for students majoring in Management, for students majoring in Philosophy);
- Political Theory (for students majoring in Journalism);
- Paradigms of Political Science (for students majoring in Political Science);
- Logic of Science and Methodology of Political Research (for students majoring in Political Science);

Courses offered by Stanford University through the program “Initiative on Distance Learning” (organized by Stanford Institute for International Studies),

### (seminars):

- 101 International Security in a Changing World
- 102 International Environmental Politics
- 103 Security, Civil Liberties and Terrorism
- 104 Major Issues in International Conflict Management
- 105 Democracy, Development and the Rule of Law

Work in Moscow State University (Lomonosov), Department of Physics

### Courses:

- Quantum Theory

### **AWARDS:**

20 Charter of Honor from the State University – Higher School of Economics (Moscow)

2003 Charter of Honor from the State University – Higher School of Economics (Moscow)

1995 Honorary stipend of Liberal-Democratic Foundation (President - Boris Fyodorov, Former Federal Vice-Prime Minister and Minister for Finance)

### **ADDITIONAL INFORMATION**

#### Languages:

English (*in speaking, reading, and writing*) – fluent,

Latin (*in reading and writing*) – basic