

Anton Proskurnikov

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Google scholar: <https://scholar.google.ru/citations?user=93e0NjgAAAAJ&hl=en>

Publons: <https://publons.com/researcher/499276/anton-v-proskurnikov/>

ResearchGate: https://www.researchgate.net/profile/Anton_Proskurnikov

Date: February 2022

Education

Dec. 2005 – Ph.D. (“Candidate of Sciences in Physics and Mathematics”), St. Petersburg State University, St. Petersburg, Russia

Jul. 2003 – M.Sc. (“Specialist in Applied Mathematics and Informatics”), St. Petersburg State University, St. Petersburg, Russia

Present Employment

Associate Professor

Polytechnic University of Turin (Politecnico di Torino), Italy *Feb. 2022-present*

Previous Positions

Tenure-Track Assistant Professor,

Polytechnic University of Turin (Politecnico di Torino), Italy *Feb. 2019-Feb. 2022*

Postdoctoral Researcher, Delft Center for Systems and Control (DCSC)

Delft University of Technology, Netherlands *Sep. 2016-Feb. 2019*

Postdoctoral Researcher, Discrete Technology and Product Automation Group

University of Groningen, Netherlands *Jan. 2014-Sep. 2016*

Deputy Chief R&D Engineer, Design Department

Navis Engineering OY, Finland/Russia *Nov. 2007-Dec. 2013*

Senior Researcher, Fin Q Laboratory

ITMO University, Russia *Jan. 2016-Dec. 2018*

Senior Researcher, Institute for Problems of Mechanical Engineering

Russian Academy of Sciences, Russia *Jan. 2006-Aug. 2021*

Assistant Professor, Department of Mathematics and Mechanics,

St. Petersburg State University *Sep. 2003-Sep. 2011*

Awards

2020 - IFAC and Elsevier paper prize award for the best paper published in Annual Reviews in Control in 2017-2020 (the paper AV Proskurnikov, R Tempo, **A Tutorial on Modeling and Analysis of Dynamic Social Networks. Part I**, Annual Reviews in Control 43, 65-79);

2020 - Best Conference Paper Award at the IEEE 29th Conference on Electrical Performance of Electronic Packaging and Systems (the paper: T. Bradde et al., **On Dissipativity Conditions for Linearized Models of Locally Active Circuit Blocks**);

2009 - Medal for Prominent Young Researchers, Russian Academy of Sciences.

Professional Service

Teaching and exam committees:

- Ph.D. defense committee for the thesis “Motion control algorithms for mobile vehicles and marine crafts” (I. Kapitaniuk), University of Groningen, 2020, *Member*.

Technical Committees and boards of experts

- Technical Committee on Networks and Communication Systems (within IEEE Control Systems Society), *Member*;
- Technical Committee on Healthcare and Medical Systems (within IEEE Control Systems Society), *Member*;
- IFAC Technical Committee 1.5 (Networked Systems), *Member*;
- IFAC Technical Committee 2.3 (Nonlinear Systems), *Member*.

Editorship:

- *Associate Editor*, IEEE Transactions on Automatic Control, *Oct. 2019 – present*;
- *Editorial Board Member*, Journal of Mathematical Sociology, *Jan. 2017-Dec. 2021*;
- *Guest Editor*, Special Issue of International Journal of Control in honor of Prof. Alexander Fradkov, *2019-2020*.

Conference Program Committees

- *PC Co-Chair*, International Conference on Event-Based Control, Communication and Signal Processing EBCCSP 2021;
- *PC Member*, International Conferences on Event-Based Control, Communication and Signal Processing 2016, 2017, 2018, 2019, 2020;
- *PC Member*, SIAM Conference on Control and Its Applications 2021.

Organization of Conferences, Tutorials and Special Sessions

- Special Session “Systems and Control Response to the COVID-19 Pandemic” (IFAC Workshop on Cyberphysical and Human Systems CPHS 2020); *Co-organizer*;
- Tutorial “Control and Learning for Social Sciences: Dynamical Networks of Social Influence” (IFAC World Congress 2020); *Co-organizer*;
- Workshop “Network Dynamics in the Social, Economic, and Financial Sciences”, (Politecnico di Torino, Department of Mathematical Sciences, 2019); *Co-organizer*;
- Workshop "Recent Advances in Adaptive, Nonlinear and Networked Control. A Workshop on Occasion of Alexander Fradkov's 70th birthday" (European Control Conference 2018); *Co-organizer*;
- Workshop "Dynamics and Control in Social Networks" (IEEE Conference on Decision and Control 2016); *Co-organizer*;