

## CURRICULUM VITAE — DMITRY RACHINSKIY

### (a) PROFESSIONAL PREPARATION

Moscow Institute of Physic and Technology	(Russia)	Appl. Math./Phys.	BS. 1992
Moscow Institute of Physic and Technology	(Russia)	Appl. Math./Phys.	MS. 1994
Institute for Information Transmission Problems of Russian Academy of Sciences	(Russia)	Mathematics	Ph.D. 1997
University of Regensburg, Humboldt Postdoctoral Fellow	(Germany)	Mathematics	1998–2000
Technical University Munich, Humboldt Postdoctoral Fellow	(Germany)	Math. Modeling	2002–2003
Institute for Control Problems of Russian Academy of Sciences, Moscow	(Russia)	Appl. Math.	D.Sc. 2002

### (b) APPOINTMENTS

2012–	The University of Texas at Dallas, Department of Mathematical Sciences, Professor
2005–2012	University College Cork (Ireland), Department of Applied Mathematics College Lecturer/Senior Lecturer
2003–2005	Weierstrass Institute for Applied Analysis and Stochastics (Berlin, Germany) Research Group “Laser Dynamics”, Researcher
1994–2003	Institute for Information Transmission Problems of Russian Acad. of Sciences Information Theory & Control Lab, Researcher/Senior Researcher/Leading Researcher

### (c) PUBLICATIONS

2 book chapters, 150+ papers

Full list of publications is available at:

<https://scholar.google.com/citations?user=glj-KUIAAAAJ&hl=en&oi=ao>

### (d) CURRENT GRANT

“Stabilization of Periodic Regimes in Symmetric Systems with Memory via Time-Delayed Feedback Control”, NSF, 09/01/14–08/31/2017 Z. Balanov (co-PI), W. Krawcewicz (PI), D. Rachinskiy (co-PI), \$152,587

### (e) STUDENT SUPERVISION

Supervised 5 PhD students to completion: <https://genealogy.math.ndsu.nodak.edu/id.php?id=80051>

Currently supervising 3 PhD students

### (f) RECENT SYNERGISTIC ACTIVITIES

2017 Co-Organizer of the Summer School on Multi-Rate Processes, Slow-Fast Systems and Hysteresis, June 19–23, Politecnico di Torino, Italy

<http://www.murphys-hsfs-school-2017.unisannio.it/>

2017 Co-Organizer of minisymposium “Nonlinear Dynamics in Optics” at SIAM Conference on Applications of Dynamical Systems, May 21–25, Snowbird, UT

<https://www.siam.org/meetings/ds17/>

- 2016 Co-Chairman of the Organizing and Steering Committees and co-editor of the proceedings of the 4th, 5th, 6th, 7th, and 8th Workshops on Multi-rate Processes and Hysteresis (2008, Cork, Ireland; 2010, Pécs, Hungary; 2012, Suceava, Romania; 2014, Berlin, Germany; 2016, Barcelona, Spain)  
[http://www.crm.cat/en/Activities/Curs\\_2015-2016/Pages/MURPHYS.aspx](http://www.crm.cat/en/Activities/Curs_2015-2016/Pages/MURPHYS.aspx)  
<http://www.wias-berlin.de/workshops/MURPHYS-HSFS-2014/>  
<http://iopscience.iop.org/issue/1742-6596/727/1>
- 2016 Co-Organizer of School/Workshop on Applicable Theory of Switched Systems, June 6–10, Dallas  
<http://www.utdallas.edu/~makarenkov/sw16/>
- 2015 Co-Organizer of Summer School on Nonsmooth Dynamical Systems, August 4–6, Dallas  
<http://www.utdallas.edu/~makarenkov/ds2015/>
- 2015 Co-Organizer of the International Summer School on Multi-Rate Processes, Slow-Fast Systems and Hysteresis, June 29–July 3, Levico Terme, Italy  
<http://www.murphys-hsfs-2015.unisannio.it/>
- 2015 Minisymposium organizer at SIAM Conference on Applications of Dynamical Systems, May 17–21, Snowbird, UT  
<https://www.siam.org/meetings/ds15/>
- 2009– Associate editor of *Mathematische Nachrichten*  
Member of editorial board of *Polluck Periodica, Nonlinear Modeling and Control*