

## GREGORY BEYLKIN

### EDUCATION

- 1980-1982* Ph.D. in Mathematics, June 1982, New York University
- 1970-1975* Diploma in Mathematics, Nov. 1975, University of Leningrad (St. Petersburg), Former Soviet Union

### PROFESSIONAL EXPERIENCE

- 1991 - Present* University of Colorado at Boulder, Department of Applied Mathematics, Professor of Applied Mathematics
- August 2015* Mathematisches Forschungsinstitut Oberwolfach, Participant, “Applied Harmonic Analysis and Sparse Approximation”
- June 2012* Mathematisches Forschungsinstitut Oberwolfach, Participant, “Applied Harmonic Analysis and Sparse Approximation”
- Sept-Dec 2004* IPAM, UCLA, Participant/Organizer, Semester Program “Multiscale Geometry and Analysis in High Dimensions”
- Sept 1997* The Mittag-Leffler Institute, Sweden, Visiting Professor
- Fall 1994* Institute for Mathematics and Applications, University of Minnesota, Visiting Professor
- 1983 - 1991* Schlumberger-Doll Research, Ridgefield, CT 06877, Member of Professional Staff
- 1988 - 1989* Yale University, Department of Mathematics, Visiting Associate Professor
- 1982-1983* New York University, Courant Institute of Mathematical Sciences, Associate Research Scientist
- 1976-1979* Research Institute of Ore Geophysics, Leningrad (St.Petersburg), FSU, Research Scientist

## *PROFESSIONAL SERVICE*

Member of the Advisory Editorial Board of Appl. & Comput. Harmonic Analysis  
Member of the Editorial Board of SIAM J. on Matrix Analysis and Applications  
Member of the Editorial Board of SIAM J. on Numerical Analysis (1992-1998)  
Member of the Editorial Board of Inverse Problems (1991-1993)

## *PROFESSIONAL SOCIETIES, LISTINGS*

American Mathematical Society  
Society for Industrial and Applied Mathematics  
Society of Exploration Geophysicists  
Listed in Marquis "Who's Who in America"

## *RECOGNITION*

Fellow of the American Mathematical Society, Inaugural Class of Fellows  
Fellow of the Society for Industrial and Applied Mathematics, 2016  
Boulder Faculty Assembly Award for Excellence in Research, Scholarly and Creative Work, 2011

## *SELECTED ADDRESSES*

SIAM Conference on Computational Science and Engineering, 2019  
7th International Conference on Computational Harmonic Analysis, Vanderbilt University, 2018  
IPAM: Big Data meets computation, UCLA, 2017  
IPAM: Collective Variables in Classical Mechanics, UCLA, 2016  
Computational Seismology, Tsinghua Sanya International Math. Forum, SanYa, China, 2016  
Mathematisches Forschungsinstitut Oberwolfach, August, 2015  
Erwin Schrödinger International Institute for Math. Physics, October, 2012.  
Mathematisches Forschungsinstitut Oberwolfach, June, 2012.  
High-Dimensional Synthesis, Yale University, June 2012.  
ICIAM, Vancouver, BC, Canada, July 19, 2011.  
Optimal Config. on the Sphere and Other Manifolds, Vanderbilt Univ., TN, May 19, 2010.  
Future Directions in Tensor-Based Computation and Modeling, NSF, Arlington, Feb. 20, 2009.  
Int. conference in honor of Jean Morlet, CIRM, Luminy, Marseille, France, Oct., 2008.  
Integral Geometry and Tomography, Stockholm, Sweden, August 15, 2008.  
ICIAM, Zurich, Switzerland, July 17, 2007.  
The 2007 John H. Barrett Memorial Lectures, TN, April 28, 2007.  
Multiscale Geometry and Analysis, Lake Arrowhead, June 13, 2006.  
Computational Chemistry and Material Science in the DoD, Arlington, VA, September 20, 2005.  
Institute for Pure and Applied Mathematics, UCLA, September 14, 2004.  
Harmonic Analysis Conference, Orsay, France, June 19, 2003.  
Applied Inverse Problems Lake Arrowhead, CA, May 22, 2003.  
DARPA Geopotential Workshop, March 2001.  
NATO Advance Study Institute, Blair Atholl, Scotland, UK, July 2000.  
Wavelet and Multiresolution Workshop, Hong Kong, December 1, 1999.

Invited Speaker, International Congress of Mathematicians, Berlin, Germany, Aug. 1998.  
Invited Speaker, 5th Int. Conf. on Integral Methods in Science and Engineering, MI, 1998.  
AMS Short Course Series, January, 1993

### *PUBLICATIONS*

110+ papers, see <http://amath.colorado.edu/faculty/beylkin/papers/index.html>

### *PATENT*

U.S. Patent 4,760,563 (1988).