

SERGIU KLAINERMAN

CURRICULUM VITAE

January 22, 2026

EDUCATION

1978	New York University, Ph.D.
1975-78	New York University
1974	Certificate for Thesis
1973-74	Graduate Studies
1973	Diploma de Licenta, University of Bucharest
1969-1974	University of Bucharest

EMPLOYMENT

2011-	Higgins professor of Mathematics, Princeton University
1987-	Princeton University, Professor
1986-1987	New York University, Courant Institute of Mathematical Sciences, Professor
1983-1986	New York University, Courant Institute of Mathematical Sciences, Associate Professor
1980-1983	New York University, Courant Institute of Mathematical Sciences, Assistant Professor
1978-1980	Miller fellowship, University of California at Berkeley

HONORS AND PRIZES

2025	ICBS Frontiers of Science Award in Mathematics- for the paper “Kerr stability for small angular momentum” shared with Jeremie Szeftel.
2024	ICBS Frontiers of Science Award in Mathematics- for the paper “The Bounded L2 Curvature Conjecture” shared with I. Rodnianski and J, Szeftel
Spring2024	Schulenberger Chair at IHES.

2023-2024	Simons Fellow
2019-2020	Simons Fellow
2017-	Fellow of AMS
2016-2019	Guelfand visiting chair at IHES
2015-2016	Simons Fellow
Fall 2012	Eilenberg Chair at the Columbia University in New York.
2011-2013	Chair of the Foundation of Mathematical Sciences, Paris.
2005-	Member of the U.S. National Academy of Sciences
2002-	Foreign Member of the French Academy of Sciences
2001-2002	Thomas D. Jones Professor of Mathematical Physics
1997-1999	Blaise Pascal Chair, France
1999	Bocher Prize of AMS
1997-1998	Guggenheim Fellowship
1996-	Fellow - American Academy of Arts & Sciences
1996	Le Conte Prize of the French Academy of Sciences
1991-1992	Fine Professor of Mathematics
1991-1996	MacArthur Fellowship
1983-85	Sloan Fellowship
1978-80	Miller Fellowship, University of California, Berkeley

VISITING POSITIONS

China	Beijing and Tsinghua Universities
U.S.	Stanford University, I.A.S., MIT, University of Miami.
Israel	Hebrew University of Jeruslaem, Weizmann Institue, Tel Aviv University.
Italy	Scuola Normale Pisa, Universities of Rome, Universities of Bologna, Florence, Pisa, Trieste.

France	Ecole Normale Supérieure Paris, ENS Lyons, Ecole Polytechnique, I.H.E.S, Universities Paris 6, 7, 11,, C.N.R.S Universities of Bordeaux,, Grenoble, Nice.
Switzerland	E.T.H, Zurich
England	Newton Institute, Cambridge.
Germany	University of Bonn, Heidelberg University.
Japan	Kyoto University.
Australia	University of Canberra.

EDITORIAL BOARDS

Chief Editor	<i>Annals of PDE</i> , 2015-
Editor	<i>Annals of Mathematics</i> , 2011-
Editor	<i>Publications Mathématiques de I.H.É.S.</i> , (2010-2012)
Editor	<i>Annales IHP</i> , 1999-2009
Editor	<i>American Journal of Mathematics</i> , (1993-1999)
Editorial Board	<i>International Math. Res. Notices</i>
Editorial Board	<i>Jones and Barlett Publishers</i>

OTHER ACADEMIC BOARDS

2025-	Advisory Board of the University of Austin at Texas
2025-	Advisory Council of the Center for Intellectual Freedom at University of Iowa
2024-	Scientific board of Mathematics and Physical Sciences division of the Simons foundation.
2023-	Member of the board of the American Academy of Sciences and Letters
2001-2004	AMS Colloquium Committee
2002	Chair of the Bocher Prize Committee

LIST OF SELECTED INVITED LECTURES

June 2021	Invited speaker at the Marcel Grossman GR conference
June 2019	Zurich, International conference in honor of G. Huisken
September 2019	Krakow, Dynamics, Equations and Applications” (DEA 2019)
June 2018	Edinburgh, Scotland. International conference in Geometric Analysis
July 2018	Hokkaido, Japan. Series of three lectures on the mathematics of black holes
Jan 2017	Chern Lectures at Berkeley. Series of four lectures on the mathematics of black holes
April 2017	Invited speaker at the international conference celebrating the 80'th anniversary of Tsinghua University in Beijing.
July 2017	Invited speaker at the international conference in honor of D. Christodoulou.
October 2017	Weyl Lectures at IAS, Princeton.
May2016	Hua Lecture at Tsinghua University
January2016	International conference at Sanya, China
December 2015	Internations conference in honor of A. Lichnerowicz
November 2015	Internation conference to commemorate the centenary of General Relativity, Berlin.
November 2015	Invited special lecture to commemorate the centenary of General Relativity, ETH Zurich
October 2015	Nash memorial lecture, Princeton University
October 2015	Invited lecture at the Simons anual meeting.
March 2015	Series of three lectures at the Osaka University.
April 2014	CMS Lecture Series at Technion
July 3-2013,	Plenary speaker at the joinf AMS- Rom. Math. Soc. at Alba Iulia, Romania
July 7-9-2013,	Plenary speaker at the GR 20 international conference in Warsaw
Sept.-Dec. 2012,	Eilenberg Lecture Series at Columbia University
July 2012,	Plenary talk at the Marcel Grossman international conference in GR.

March 2012	Distinguished Ordwey Lectures at University of Minnesota.
February 2012	16'th Avron Douglass memorial lecture at University of Maryland
December 2010	Courant lecture in honor of F. John's one hundred anniversary.
September 2010	Invited speaker and scientific organizer of the Abel symposium in PDE, Oslo.
November 2009	Bourbaki seminar, Paris
July 2009	Invited talk, London Mathematical Society
September 2008	International conference "Beyond Einstein", Mainz
November 2007	Yamabe Lecture, Northwestern University
September 2007	Leonardo da Vinci lecture, Milan Italy
January 2007	Lecon de mathématiques, Bordeaux France
December 2006	Colloquium lecture, Lezioni Guido Castelnuovo, Rome university La Sapienza
May 2005	Andrejewski lectures, Göttingen Germany.
April 2005	Barrett lectures at Knoxville Tennessee
February 2004	Marker Lectures at University of Pennsylvania, State College.
November 2003	Courant Lecture in honor of C. Morawetz, N.Y. University.
June 2003	Plenary lecture at the joint AMS session, Pisa.
March 2001	Series of Lectures at IPAM Oscillatory Integrals & Dispersive Equations
August 2000	Invited speaker at the special session of AMS, <i>Mathematical Challenges of the 21st Century</i> , U.C.L.A
July 2000	Plenary speaker at 9 th Marcel Grossman meeting in Rome, Italy
August 1999	Invited speaker at the special conference <i>Visions in Mathematics, Towards 2000</i> , Tel Aviv
March 1995	Barrett Lectures in Knoxville, Tennessee
May-June 1994	Nachdiplom Lectures at ETH, Zurich
August 1993	Colloquium speaker at The International Joint Mathematics Meeting, Vancouver

August 1992	Plenary speaker at the International Conference on General Relativity, Huerta Grade Cordoba, Argentina
July, 1991	Invited plenary address to the International Congress of Mathematical Physics in Leipzig
June, 1991	Invited speaker at the 30'th Arbeitstagung-Bonn
June, 1991	R. Lipschitz Lecture, Bonn
May, 1991	Co-organizer of the Oberwolfach Meeting on Nonlinear Evolution Equations
May, 1988	Co-organizer of the Oberwolfach Meeting on Nonlinear Evolution Equations
Jan., 1986	Invited speaker to the annual AMS meeting in New Orleans
August, 1983	Invited speaker to ICM, Warsaw

LECTURES 2019-2024

Jan 2024	Lecture at the international conference Sanya Waves in Sanya, China.
Feb 2024	Invited talk at the international conference on micro-local analysis and.. Grenoble
March 2024	Colloquium talk at EPFL, Lausanne
March 2024	Talk in the PDE seminar at Orsay
April 5	Talk at PDE seminar at Jussieu
April 2024	International conference at IHP
May 2024	Talk at the ENS, Physics
July 2024	Plenary speaker at MG15, in Pescara
Sept 2024	Zoom talk to the J. Leibowitz webinar at Rutgers
Oct 10	Colloquium talk at University of Minnesota, Minneapolis
Jan 2023	Colloquium lecture at Jerusalem University
Jan 2023	Colloquium lecture at Tel-Aviv University

Jan 2023	Visiting Professor at Singapore University, where I gave various lectures.
March 2023	Series of Lectures at Maryland (name lecture)
May 2023	Invited lecture at the Stein memorial in Princeton.
May 2023	Lecture at the conference in honor of F. Merle in Paris.
	July 2023] International conference on nonlinear waves, Tsinghua University.
July 2023	International Congress of Basic Science, Beijing
August 2023	Lectures in Vietnam.
Sept 20	Simon Lecture, at the Simons foundation.
Sept -Dec 2023	I gave a series 12 lectures at Columbia based on our work on the nonlinear stability of Kerr black holes.
Nov 2023	International conference in honor of Y.C. Bruhat, Vienna.
Dec 2023	Lecture in honor of Y. C. Bruhat at IHES, France.
May 2022	Colloquium Oxford University
April 2022	Invited speaker Harvard.
June 2021	Invited speaker at the Marcel Grossman GR conference
May 2021	Lectures at Harvard and Tsinghua
June 2019	Zurich, International conference in honor of G. Huisken
June 2019	Bergen, Dispersive Waves and Related Topics in honour of Gilles Lebeau
Sept 2019	Krakow, Dynamics, Equations and Applications” (DEA 2019)

PHD STUDENTS

1. Gustavo Ponce, 1982, NYU
2. Steven Schochet, 1984, NYU
3. Michai. Kovalyov, 1985, N.Y.U.,
4. Pampana Datti, 1985, NYU
5. Roman Kosecki, 1987, NYU

6. Pedro Schirmer, 1990, NYU
7. Wei Tong Shu, 1990, Princeton
8. Nicolas Bournaveas, 1992, Princeton
9. Marcus Keel, 1995, Princeton
10. Joseph Muscat, 1996, Princeton,
11. S. Selberg, 1998, Princeton,
12. D. Foschi, 2000, Princeton
13. Dan Geba, 2002, Princeton,
14. Joachim Krieger, 2003, Princeton,
15. Qian Wang, 2007, Princeton,
16. Willie Wong, 2009, Princeton,
17. Yu Pin, 2010, Princeton,
18. A. Shao, 2010, Princeton,
19. Philip Whitman, 2011, Princeton,
20. Sung-Jin Oh, 2013
21. Philip Isett , 2013
22. Xinliang An, 2014
23. J. Stogin, 2017
24. R Granowski, 2018
25. Elena Giorgi, 2019
26. J. Anderson, 2021
27. Anthony Coniglio

ASSOCIATED PRINCETON JUNIOR FACULTY

1. Hans Lindblad, 1990-1997
2. Matei Machedon, 1988-1994
3. Daniel Tataru, 1995-1997

4. Igor Rodnianski, 1999-2003
5. Jeremie Szeftel, 2004-2007
6. Jared Speck, 2008-2009
7. Steffen Aksteiner, 2017-2018
8. Elena Giorgi, 2019-2021
9. Allen Fang, 2022-2023
10. Lili He, 2023-