CURRICULUM VITAE

SÁNDOR KOVÁCS

PERSONAL INFORMATION

Citizen of Hungary Date of birth: December 2, 1965 Permanent Resident of the United States Place of birth: Budapest, Hungary

EDUCATION

- 1995 University of Utah, Ph.D in Mathematics
- 1990 Eötvös Loránd University (Hungary), B.S. in Mathematics

PROFESSIONAL EXPERIENCE

- 2002– Associate Professor, Department of Mathematics, University of Washington.
- 2000–2002 Assistant Professor, Department of Mathematics, University of Washington.
- 1999 Fall Visiting Professor, RIMS, Kyoto University, Japan.
- 1998–2000 Assistant Professor, Department of Mathematics, University of Chicago.
- 1995–1998 C.L.E.Moore Instructor, Department of Mathematics, M.I.T.
- 1990–1995 Teaching Fellow, Department of Mathematics, University of Utah
- 1987–1990 Undergraduate Teaching Assistant, Department of Geometry, Eötvös Loránd University, Budapest, Hungary
- 1987–1988 Undergraduate Teaching Assistant, Department of Algebra and Number Theory, Eötvös Loránd University, Budapest, Hungary

HONORS AND AWARDS

- 2002 Alfred P. Sloan Research Fellowship.
- 2001 NSF CAREER Award.
- 1998 AMS Centennial Research Fellowship.
- 1994 Alfred P. Sloan Doctoral Dissertation Fellowship.
- 1990 Rényi Kató Prize, Bolyai János Mathematical Society.
- 1990 Outstanding Student of College Award, College of Science, Eötvös University.

GRADUATE STUDENTS

Ph.D. Thesis Advisees (finished)	Michael Van Opstall, currently a VIGRE post doctoral fellow
	at the University of Utah
Ph.D. Thesis Advisees (current)	Karl Schwede, Davis Doherty, Kelly Jabbusch, Zachary Treisman
VIGRE Undergraduate Advisee	Josh Shadlen
Students in reading courses	Peter Couperus, Davis Doherty, Keir Lockridge, Chris Quarles,
-	Karl Schwede, Josh Shadlen, Grisha Stewart, Zachary Treisman,

Date: October, 2004.

GRANTS

2002-2006	Sloan Research Fellowship, University of Washington
2001-2006	NSF CAREER Grant, University of Washington
1999-2002	NSF Research Grant, University of Chicago/University of Washington
1996-1999	NSF Research Grant, M.I.T.

PROFESSIONAL SERVICE

2004	Co-organizer of "Compact moduli spaces and birational geometry",
	an American Insitute of Mathematics 5-day workshop, Palo Alto, California.
2004	Mentor "Algebraic Geometry: Presentations by Young Researchers", Snowbird, Utah.
2002-(ongoing)	Co-organizer of the semi-annual "Western Algebraic Geometry
	Seminar" an event organized by the algebraic geometry groups at Colorado State
	University, Stanford University, University of British Columbia, UC Berkeley,
	UC Santa Barbara, University of Utah and University of Washington.
2001-(ongoing)	Co-organizer of the semi-annual "Pacific Northwest Algebraic Geometry Seminar"
	held jointly by the University of British Columbia and the University of Washington.
1999	Invited co-organizer of "Singularities in Algebraic Geometry" Special
	Session at AMS Meeting, Notre Dame University.
1998-(ongoing)	Reviewer/Panelist, NSF/NSA grant proposals, NSF of Chile grant proposals.
1996-(ongoing)	Reviewer, Mathematical Reviews.
1995-(ongoing)	Referee, various professional journals including Annals of Math., Compositio
	Math., Duke Math. J., Internat. J. Math., Invent. Math., J. Algebra, J. Alg. Geom.,
	Math. Ann., J. reine angew. Math., Math. Proc. Cambridge Philos. Soc.

DEPARTMENTAL SERVICE (UW)

2003/2004	Appointments Committee Member
	SIMUW ¹ Committee Member and Chair
	MathDay Committee Member
	Organizer of Algebraic Geometry Seminar, MATH 510B
2002/2003	String Theory Search Committee Member
	Colloquium Chair
	SIMUW ¹ Committee Member and Chair
	126 Course Coordinator
	Organizer of Algebraic Geometry Seminar, MATH 510B
2001/2002	Appointments Committee Member
	Colloquium Chair
	126 Course Coordinator
	Organizer of Algebraic Geometry Seminar, MATH 510B
2000/2001	Appointments Committee Member
	Organizer of Algebraic Geometry Seminar, MATH 510B

¹SIMUW=Summer Institute for Mathematics at the University of Washington. For more info please see http://www.math.washington.edu/~simuw

SELECTED INVITED LECTURES

Conferences

- "Algebraic Geometry: Presentations by Young Researchers", Mentor, July 4-8, 2004.
- "Workshop and Conference in Algebraic Geometry", National Center for Theoretical Sciences, Taiwan, June 22-July 9, 2004.
- "Western Algebraic Geometry Conference", UBC, September 13-14, 2003.
- "Western Algebraic Geometry Conference", University of Utah, October 26-27, 2002.
- "ICM 2002 Satellite Conference in Algebraic Geometry", East China Normal University, Shanghai, August 13-17, 2002,
- "Barrett Lectures", conference on Algebraic and Arithmetic Geometry, University of Tennessee, April 25-27, 2002.
- "Higher Dimensional Varieties and Rational Points", Alfréd Rényi Institute of Mathematics, Budapest, Hungary, 2001, (gave one of six plenary lecture series).
- "Special Algebraic Geometry Day", Columbia University, 2001.
- "Aspects of Algebraic Geometry and Commutative Algebra", Texas A&M University, May 18-20, 2000.
- "Great Lakes Geometry Conference 2000", Michigan State University, March 18-19, 2000
- "EUROPROJ '98" conference on Algebraic Geometry, Toledo, Spain 1998.
- "Commutative Algebra and Algebraic Geometry" Special Session, AMS Joint Meeting, Baltimore, 1998.
- "EUROPROJ '97" conference on Algebraic Geometry, Alghero, Italy, 1997.
- "Midwest Algebraic Geometry Conference", University of Notre Dame, 1997.
- "JAMI Conference on Birational Algebraic Geometry in memory of Wei-Liang Chow", Johns Hopkins University, 1996.
- "AMS Summer Research Institute in Algebraic Geometry", Santa Cruz, 1995.
- "Mountain West Algebraic Geometry Work Session", Colorado State University, 1995.

Colloquia

Brandeis University, Concordia University, Mathematical Institute of the Hungarian Academy of Sciences, Michigan State University, Northwestern University, Oklahoma State University, SUNY at Buffalo, Tokyo Institute of Technology (Japan), University of Illinois at Chicago, University of Kansas, University of Missouri, University of Washington.

Seminars

Boston University, Columbia University, Concordia University, Harvard University, Massachusetts Institute of Technology, Mathematical Institute of the Hungarian Academy of Sciences (Hungary), McGill University, Oklahoma State University, Princeton University, Rice University, RIMS, Kyoto University (Japan), Stanford University, Saitama University (Japan), Tohoku University (Japan), Tokyo Institute of Technology (Japan), Universität Essen (Germany), Universität zu Köln (Germany), University of British Columbia, University of California at Santa Barbara, University of Cambridge (UK), University of Chicago, University of Illinois at Chicago, University of Massachusetts at Amherst, University of Michigan, University of Missouri, University of Texas at Austin, University of Tokyo (Japan), University of Utah, UW, Waseda University (Japan), Yale University.

SYNERGISTIC ACTIVITIES

Summer Camp for High School Students

- 2002-(ongoing) *Academic Director* of the 'Summer Institute for Mathematics at the University of Washington' (SIMUW), a summer math camp for talented high school students.
- July 2004: Taught two week course at SIMUW 2004, entitled Beyond the third dimension.
- July 2003: Taught two week course at SIMUW 2003, entitled *The mathematics of internet security*.

Public Lectures

- *The mathematics of internet security*, Plenary lecture, 15th Annual MATHDAY for high school students, UW, March 21, 2005.
- Beyond the third dimension,
 - 14th Annual MATHDAY for high school students, UW, March 22, 2004.
 - 13th Annual MATHDAY for high school students, UW, March 24, 2003.
 - 12th Annual MATHDAY for high school students, UW, March 25, 2002.
- *Algebra=Geometry*, in 'Great ideas and big problems' series, UW Mathematics Colloquium, March 30, 2004.
- *Education in Hungary*, Massachusetts Institute of Technology, Science and Engineering Program for Middle and High School Teachers, June 23–29, 1996

PUBLICATIONS and TEACHING

Please see separate lists entitled "Publications", "Research Summary", and "Teaching Record".