

# Curriculum Vitae

## János Kollár

Donner Professor of Science

### Academic Degrees:

B.S. 1980, Eötvös L. University, Hungary

Ph.D. 1984, Brandeis University, Advisor: T. Matsusaka

### Professional Experience:

1980–81 Research Assistant, Hungarian Academy of Sciences

1984–87 Junior Fellow, Harvard University

1987–90 Associate Professor, University of Utah

1990–94 Professor, University of Utah

1994–99 Distinguished Professor, University of Utah

1999–09 Professor, Princeton University

2009– Donner Professor of Science, Princeton University

2013– Director of Undergraduate Studies

2014– Associate Chair

### Visiting Positions:

1985 Nagoya University, Japan, Apr–Jul

1986 Ecole Polytechnique, France, May

1986 Institute for Advanced Studies, Princeton, Fall

1988 Max–Planck Institut, Germany, Mar

1988 Nagoya University, Japan, Aug

1989 IHES, France, June

1999 Orsay, France, June–July

2001 Hungarian Academy of Sciences, Fall

2002 Newton Institute, Cambridge, UK, Jan–June

2004 MSRI, Berkeley, Mar

2006 Univ. of Utah, Sept–Dec

2007 Univ. of Texas, Austin, Jan–June

2009 MSRI, Berkeley, Jan–June

2010 Inst. Poincaré, Paris, June–July

2011 RIMS, Kyoto University, May–June

2012 Univ. of Utah, Sept–Dec.

2013 Stanford University, Jan–June

2016 Collège de France, Oct–Nov.

2017 Northwestern University, May

2018 Northwestern University, May

2019 MSRI, Berkeley, Spring

### Academic Honors:

1978 Rényi prize for undergraduate research

1979 First prize, M. Schweitzer competition  
1980 First prize, M. Schweitzer competition  
1983 IBM Graduate Predoctoral Fellowship  
1984 Junior Fellow, Society of Fellows, Harvard University  
1988 Presidential Young Investigator  
1989 A.P. Sloan Fellow  
1992 University of Utah Distinguished Research Award  
1995 External Member, Hungarian Academy of Sciences  
2005 Member, National Academy of Sciences  
2006 Cole Prize in Algebra  
2008 Fine professor, Fall, Princeton Univ.  
2012 Simons Fellow in Mathematics  
2013 Fellow of the American Math. Soc.  
2016 Frederic Esser Nemmers Prize  
2016 Member, American Academy of Arts and Sciences  
2017 Shaw Prize

### **Invited Addresses:**

1990 AMS Annual Meeting, Louisville, Kentucky  
1990 International Congress of Mathematics, Kyoto, Japan  
1996 European Congress of Mathematics, Budapest, Hungary  
2001 AMS Colloquium lectures, New Orleans Annual Meeting  
2002 London Math. Soc. Meeting, Liverpool  
2005 Clay lecturer, AMS Summer Institute, Seattle, WA  
2014 International Congr. of Math., Seoul, Korea, Plenary Speaker

### **Invited Lecture Series:**

1993 M. B. Porter Lectures, Rice University  
1993 European Spring School, University of Bayreuth  
1993 NSF Regional Geometry Institute, Park City, UT  
1995 AMS Summer Institute in Algebraic Geometry, Santa Cruz, CA  
1996 EMS Summer School in Algebraic Geometry, Eger, Hungary  
1997 Algebraic Geometry School, Trento, Italy  
2000 Current Developments in Mathematics, Cambridge, MA  
2001 European Summer School on Rational Points  
2003 A. Brauer Lectures, Chapel Hill, NC  
2003 Milliman Lectures, Univ. of Washington, Seattle  
2004 MSRI, Berkeley, CA  
2006 Distinguished Lecture Series, Univ. of Utah  
2007 Hermann Weyl Lectures, IAS  
2008 George Kempf Lectures, Johns Hopkins Univ.  
2008 Park City Summer School  
2010 Inst. Poincaré, Paris  
2010 Arithmetic aspects of rational curves, Grenoble

- 2013 MRC Distinguished Lectures, Stanford Univ.
- 2015 Simons Lectures, Stony Brook, NY
- 2017 Nemmers Lecture, Northwestern Univ.

### **Editor:**

- 1990–96 International Journal of Mathematics
- 1990–92 Journal of Algebraic Geometry
- 1991–96 Duke Mathematics Journal
- 1994–00 Annals of Mathematics
- 1996–07 Inventiones Mathematicae
- 1997– Ergebnisse der Mathematik, Springer Verlag
- 1998–02 European Journal of Mathematics
- 1998–19 Periodica Mathematica Hungarica
- 2001–07 Jussieu Math. Jour.
- 2001– Ann. Sci. Ec. Norm. Sup. Pisa
- 2002–10 Central European Math. J.
- 2004–09 ERA of the Amer. Math. Soc.
- 2004–08 London Mathematical Society Monographs
- 2007–15 Clay Monograph Series
- 2009– Algebra and Number Theory
- 2010 Kyoto J. Math. (special issue editor)
- 2014–15 European Journal of Mathematics
- 2014–20 Duke Mathematics Journal
- 2019– Acta Mathematica Hungarica

### **Conferences Organized:**

- 1988 23rd Taniguchi Symposium, Katata, Japan
- 1990 Threefolds Summer School, University of Utah
- 1991 MSRI, Algebraic Geometry Special Year
- 1993 NSF Regional Geometry Institute, Park City, UT
- 1994 Moduli of Surfaces Summer School, University of Utah
- 1995 AMS Summer Institute in Algebraic Geometry, Santa Cruz, CA
- 1997 Europroj annual meeting, Alghero, Italy
- 1998 Fundamental groups, Oberwolfach
- 1998 KIAS algebraic geometry conference, Seoul, Korea
- 2001 Rational points and algebraic varieties, Budapest, Hungary
- 2001 Italian Math. Soc. meeting, Pisa (section organizer)
- 2002 Newton Institute, Algebraic Geometry Special Year
- 2006 Higher Dimensional Algebraic Geometry, JAMI, Baltimore
- 2006 Resolution of Singularities, ICTP, Trieste, Italy
- 2007 Minimal Models, MSRI, Berkeley
- 2007 Algebraic Geometry in Higher Dimensions, Trento, Italy
- 2008 Special semester in algebraic geometry, Pisa, Italy
- 2008 Resolution of singularities, Kyoto, Japan

2009 Jumbo program in algebraic geometry, MSRI, Berkeley  
2009 AGNES workshop series, Stony Brook, Amherst, Storrs, Boston  
2010 Perspectives on Algebraic Varieties, Trento, Italy  
2011 Analytic aspects of complex algebraic geometry, Marseille, France  
2011 MMP and extremal rays, Kyoto, Japan  
2011 Algebraic and Analytic Geometry, Schrödinger Inst. Austria  
2013 Algebraic and hyperbolic geometry. Rio de Janeiro, Brasil  
2014 Algebraic and Complex Geometry, Daejon, Korea  
2015 Artin Approximation and the Nash Problem, Marseille, France  
2016 Tokyo-Princeton algebraic geometry conference, Princeton  
2016 Algebraic Geometry: Old and New, Oxford, UK  
2017 Perspectives in Real Geometry, CIRM, France  
2021 Facets of Real Algebraic Geometry, Nantes, France  
2022 Advances in Classical Algebraic Geometry, Krakow, Poland  
2022 Real algebraic geometry and singularities, Krakow, Poland

### **Committees:**

1990–92 AMS Western Section Program Committee  
1992–94 Advisory Committee on NSF Postdoctoral Fellowships  
2000–15 Bolyai Prize Committee  
2004–07 AMS Colloquium Committee, Chair 2005–07.  
2008–16 Member, International Advisory Board of the Scuola di Dottorato in Scienze Astronomiche Chimiche Fisiche e Matematiche "Vito Volterra", Rome, Italy  
2011 AMS Cole Prize Committee  
2012 Advisory Committee on Simons Investigators in Mathematics  
2011–14 Fields Medal Committee  
2014–18 ICM 2018 Program Committee, Chair  
2018–19 ICM Structure Committee  
2021 Review Committee for the Institute of Mathematics, Academia Sinica, Taiwan  
2022– Joseph L. Doob Prize Selection Committee, AMS

### **Doctoral students supervised:**

A. Corti (1992), E. Szabó (1993), S. Kovács (1995), T. Kuwata (1997), N. Tziolas (1999), C. Araujo (2004), A. Hogadi (2007), D. Kim (2007), C. Xu (2008), G. Di Cerbo (2013), Y-C. Tu (2014), R. H. Zong (2014), Y. Liu (2017), C. Stibitz (2018), A. Sengupta (2019), Z. Zhuang (2019), L. Ji (2021)

### **Senior theses supervised:**

S. Payne (2001), T. Goller, Q. Ho, A. Zahariuc (2011), T. Murayama(2014), D. Dore, R. Grossman (2016), J. Wachspress (2020), D. Ito, S. Shah (2021)

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