



CURRICULUM VITAE

Name VASUDEVAN SRINIVAS

Date and Place of Birth 6th June, 1958 at Delhi, India

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Present position Senior Professor, Tata Institute of Fundamental Research, Mumbai, India

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Education B.Sc., 1977, St. Joseph's College, Bangalore University, Bangalore, India; M.S., 1978, and Ph.D., 1982, University of Chicago, Chicago, IL., USA.

Awards and distinctions Indian National Science Academy Medal for Young Scientists, 1987; elected Fellow of Indian Academy of Sciences, 1994; B. M. Birla Science Award received in 1995; Awarded Swarnajayanthi Fellowship, 1998; Bhatnagar Prize, 2003; J.C.Bose Fellowship, 2008; TWAS Mathematics Prize, 2008; elected Fellow of INSA, 2008; invited speaker at ICM 2010.

Editorial Board Memberships

(i) *Asian Journal of Mathematics* (www.ims.cuhk.edu.hk/~ajm/)

(ii) *Algebra and Number Theory* (www.jant.org).

(iii) Proceedings of the ICM, Hyderabad, 2010.

External Committee Work Program Action Committee (Math.), Dept. of Science and Technology, India (1994-95); School Advisory Board, Central Univ., Hyderabad (1998-99); UGC Advisory Committee, DSA Program, U. Allahabad (1999-2000); Bhatnagar Award Committee, CSIR (2007); Math. Sectional Committee, Indian Academy of Sci. (2002-2003). Presently a member of National Committee for Math. of INSA (adhering organization to IMU), and F.I.S.T. Committee, Math. Sci., Department of Sci. and Tech., India. Have been "external expert member" of Faculty Recruitment Committees (Bombay Univ., North Eastern Hill Univ. (Shillong)) and Promotion Committees (Indian Statistical Institute, Kolkata and Institute of Math. Sciences, Chennai).

Visiting positions held IAS (Princeton), Duke University (Durham), Northeastern University (Boston), University of Utah, University of Chicago, Math. Sciences Res. Institute (Berkeley), U. of Michigan (Ann

Arbor), USA; Max Planck Inst. (Bonn), and University of Essen, Germany; Univ. Paris Sud (Orsay), and Univ. Paris VII, France; UNAM and UAM, Mexico.

Research field Algebraic Geometry.

Subfields of interest (i) Algebraic cycles (ii) Commutative Algebra (iii) Characteristic p methods (iv) Algebraic K-theory

Books & Monographs

(i) *Algebraic K-Theory*, Progress in Math. Vol. 90, Birkhäuser, Boston, Inc. (1991) (based on course taught in Mumbai, 1986-87). Second Edition: 1995. Reprinted in Modern Birkhäuser Classic series, 2008.

(ii) L. Barbieri-Viale and V. Srinivas, *Albanese and Picard 1-Motives*, Mémoires de la Société Mathématique de France, Vol. 87 (2001) vi+104 pp.

Ph.D. Theses supervised

(i) A. J. Parameswaran, *Topics in Singularity Theory*, 1991.

(ii) J. G. Biswas, *Topics in Algebraic Cycles*, 1997.

(iii) Amalendu Krishna, *Zero Cycles and K-theory on normal surfaces*, 2001.

(iv) Vivek Mallick, *Roitman's theorem for singular projective varieties in arbitrary characteristic*., 2008.

(v) Ronnie Sebastian, thesis work in progress.

Some recent publications

1. A. Krishna, V. Srinivas, *Zero cycles and K-theory on normal surfaces*, Annals of Math. 156 (2002) 155-195.

2. P. C. Roberts, V. Srinivas, *Modules of finite length and finite projective dimension*, Invent. Math. 151 (2003) 1-27.

3. G. V. Ravindra and V. Srinivas, *The Grothendieck-Lefschetz theorem for normal projective varieties*, J. Alg. Geom. 15 (2006) 563-590.

4. A. Rosenschon, V. Srinivas, *Algebraic cycles on products of elliptic curves over p -adic fields*, Math. Annalen 339 (2007) 241-249.

5. N. Fakhruddin, V. Srinivas, *A topological property of quasi-reductive group schemes*, Alg. Number Theory 2 (2008) 121-134.

6. V. Srinivas, W. van der Kallen, *Finite Schur filtration dimension for modules over an algebra with Schur filtration*, Transform. Groups 14 (2009) 695-711.

7. J. Fasel, V. Srinivas, *Chow-Witt groups and Grothendieck-Witt groups of regular schemes*, Adv. Math. 221 (2009) 302-329.

Statement

If elected, I would be happy to serve on the IMU Executive Committee as a Member at Large, to further the goals of the IMU. The IMU has always tried to support the development of mathematics in all regions of the world, and in particular has set great store in reaching out to support mathematics in less developed regions. Having lived and worked in India for over 25 years, I have some understanding of the problems faced by a developing country in the promotion and development of mathematics, and may thus be able to help further these goals of the IMU.