

CURRICULUM VITAE

Name VASUDEVAN SRINIVAS

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

Citizenship Indian

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

Mailing Address School of Mathematics, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai 400005, India.

e-mail srinivas@math.tifr.res.in

Telephone (91)(22) 22782217 (Off.); (91)(22) 22804966 (Res.)

Fax (91)(22) 22804666 OR 22804610 OR 22804611

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.

Research field Algebraic Geometry.

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

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.

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; elected Member at Large (2011-2014), Executive Committee, International Mathematical Union.

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 International Congress of Mathematicians, Hyderabad, 2010.
- (iv) *Journal of Algebra* (Elsevier; www.sciencedirect.com/science//journal/00218693)
- (v) *Mathematische Annalen* (Springer; www.springerlink.com/content/100442/)

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; 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).

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.
- (iii) Editor, *Proceedings of the International Colloquium on Cycles, Motives and Shimura Varieties, Mumbai 2008*, Tata Institute of Fundamental Research Studies in Math. (2010), Narosa Publishing House.

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. P. Pragacz, V. Srinivas, V. Pati, *Diagonal subschemes and vector bundles*, Pure Appl. Math. Quarterly (Special issue in hon. J.-P. Serre), 4 (4) (2008) 1233-1278.
8. L. Barbieri-Viale, A. Rosenschon, V. Srinivas, *Algebraic mixed Hodge substructures of H^2* , Math. Zeitschrift 261 (2009) 261-276.
9. J. Fasel, V. Srinivas, *Chow-Witt groups and Grothendieck-Witt groups of regular schemes*, Adv. Math. 221 (2009) 302-329.
10. M. V. Nori, V. Srinivas, *K-Theory and the Enriched Tits Building*, Documenta Math. - Extra Suslin Volume (2010) 459-513.