



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

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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; IMU EC Member, 2011-2014; Humboldt Research Award (Humboldt Prize), 2013.

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* (www.sciencedirect.com/science/journal/00218693) (v) *Mathematische Annalen* (www.springerlink.com/content/100442/) (vi) *Journal of the Indian Mathematical Society* (www.indianmathsociety.org.in)

External Committee Work (national) Member of National Committee for Math. of INSA (adhering organization to IMU), member of National Board for Higher Mathematics (main funding body for math. in India), member of F.I.S.T. Committee, Math. Sci., Department of Sci. and Tech., India. Have been "external expert member" of Faculty Recruitment Committees, Academic Boards/Councils and Promotion Committees for many Indian institutions.

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), University of Essen, and Freie University, Berlin. 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.
 - (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.
 - (iv) Editorial Board Member, Proceedings of ICM 2010.
- 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, *Topics in Algebraic Geometry*. 2011.
 - (vi) Anand Sawant, thesis 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.
8. M. V. Nori, V. Srinivas, *K-Theory and the Enriched Tits Building*, Documenta Math. - Extra Suslin Volume (2010) 459-513.

Statement

In my current term on the IMU EC, I have been particularly involved in the selection of committee members for panels related to the ICM, representing certain areas of mathematics; in issues related to research mathematicians, like journal ranking; and have also taken particular interest in the negotiations for the Ramanujan and Leelavati prizes. If reelected, I would be happy to serve on the IMU Executive Committee as a Member at Large, and further the goals of the IMU, continuing to take a particular interest in the above aspects. I grew up and was educated in India, and after a Ph.D. and brief post-doc. abroad, have worked in India for over 30 years. So 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.