

Raghavan Srinivasan
Professor

Date of Initial Appointment to Faculty: April 1, 1989

EDUCATION

Institution	Field of Study	Degree/Date
State University of New York, Stony Brook	Materials Science and Engineering	Ph.D., 1983
University of Florida, Gainesville	Materials Science and Engineering	M.E., 1980
Indian Institute of Technology, Madras	Metallurgical Engineering	B.Tech., 1978

PROFESSIONAL EXPERIENCE

Institution	Position	Dates
Wright State University	Director, Materials Science and Engineering Program	2010 – present
Wright State University	Chair, Materials Science and Engineering Program committee	2005 – present
Wright State University	Professor	2001 – present
Wright Patterson Air Force Base	Summer Faculty Fellow	2008, 2009, 2010
Wright Patterson Air Force Base	Visiting Scientist (sabbatical)	2004 – 2005
Wright Patterson Air Force Base	Summer Faculty Fellow	1996
Wright State University	Associate Professor	1994 – 2001
Wright State University	Assistant Professor	1989 – 1994

PROFESSIONAL REGISTRATION

Registered Professional Engineer, State of Ohio 2009 – present

PUBLICATIONS

Journal Papers (54 total):

1. T. T. Sasaki, B. Fu, K. Torres, G.B. Thompson, R. Srinivasan, B. Cherukuri, and J. Tiley, "Nucleation and Growth of α -Ti on TiB Precipitates in Ti-15Mo-2.6Nb-3Al-0.2Si-0.12B," Philosophical Magazine, <http://dx.doi.org/10.1080/14786435.2010.533134>, December 15, 2010
2. R. Srinivasan and S. Tamirisakandala, "Influence of Trace Boron Addition on the Directional Solidification Characteristics of Ti-6Al-4V," <http://dx.doi.org/10.1016/j.scriptamat.2010.08.051>, Scripta Materialia Vol. 63, pp 1244–1247, 2010
3. R. Srinivasan, N. Gothard, and J. Spowart, "Improvement in thermoelectric properties of an n-type bismuth telluride ($\text{Bi}_2\text{Se}_{0.3}\text{Te}_{2.7}$) due to texture development and grain refinement during hot deformation," <http://dx.doi.org/10.1016/j.matlet.2010.05.018>, Materials Letters, Vol. 64, pp 1772–1775, , 2010
4. B. Cherukuri, R. Srinivasan, S. Tamirisakandala, and D.B. Miracle, "The Influence of Trace Boron Addition on Grain Growth Kinetics of the Beta Phase in the Beta Titanium Alloy Ti-15Mo-2.6Nb-3Al-0.2Si," Scripta Materialia Vol. 60 pp. 496–499, 2009
5. R. Srinivasan, M. Bennett, S. Tamirisakandala D. Miracle, K-O Yu, F. Sun, "Rolling of Plates and Sheets from As-Cast Ti-6Al-4V-0.1B," Journal of Materials Engineering and Processes, Vol. 18, pp 390-398, 2009

Conference Papers (38 total):

Books/Book Chapters:

- *Advances in the Science and Technology of Titanium Alloy Processing*, Edited by I. Weiss, R. Srinivasan, D. Eylon, P. Bania and S.L. Semiatin, TMS, Warrendale, Pennsylvania, ISBN 0-87339-324-4, 1997.
- *Microstructure Modeling and Prediction during Thermomechanical Processing*, Edited by R. Srinivasan, S.L. Semiatin, A. Beaudoin, S. Fox and Z. Jin, TMS, Warrendale, Pennsylvania, ISBN 0-87339-505-0, 2001.

- “Coextrusion,” by R. Srinivasan and C.S. Hartley, ASM Handbook Volume 14A: Metal Working: Bulk Forming, ASM International. 2005.

INVITED PRESENTATIONS (>15)

- “Grain Growth in Boron Modified Beta Titanium Alloy – Beta 21S,” PSG College of Technology, Coimbatore, India, July 2010
- “Texture Development during Hot Deformation of Bismuth Telluride Based Alloys,” Indian Institute of Technology Madras, March 2010
- “An Overview of Processing-Structure-Properties of Boron Modified Titanium Alloys,” THERMEC-2009, Berlin Germany, August 2009
- “Continuous Severe Plastic Deformation (CSPD) Processing of Aluminum,” PFAM-17, the Seventeenth International Symposium on Processing and Fabrication of Advanced Materials, Indian Institute of Technology, New Delhi, December 2008
- “Developments in Titanium Alloy Processing,” Defense Metals Technology Center (DMTC) Canton OH, April 2008

PROFESSIONAL ACTIVITIES

TMS Shaping and Forming Committee: 1989 – present, ASM/TMS Mechanical Behavior Committee: 2002 – present, TMS Refractory Metals Committee: 1989 – 1994, TMS Titanium Committee: 1995 – present, TMS Accreditation Committee: 2005 – present, ABET evaluator for Materials Science and Engineering programs: 2007 – present

Alpha Sigma Mu: Member Board of Trustees 1996 – present, Vice-President/President-Elect 1997 – 1998, President 1998 – 1999, Treasurer/Secretary 2006 – 2010

ASM-International Dayton Chapter: Chair 2009 – 2011, Secretary 2008 – 2009, Mmbr at Large: 2002 – 2004

AWARDS AND HONORS

- Fellow, Alpha Sigma Mu (2009)
- Profession Engineer – State of Ohio 2009 – present
- Nominated by College for University Professor for Research Award 2004
- Nominated by Department for Brage Golding Research Award 2001
- Excellence in Research Award, College of Engineering, Wright State University, 1993
- Honor Societies: Tau Beta Pi (Engineering), Phi Kappa Phi, Alpha Sigma Mu (Materials Science and Engineering)

UNIVERSITY GOVERNANCE (recent)

University

- Conduct Review Panel 2009 – present
- College representative in University Faculty Development Committee 2010 - present

College

- Steering Committee 2003-2004 (scribe) 2010-2012, (Chair 2010-2011)
- Engineering PhD Program Affairs Committee 2001- 2010
- Faculty Development Committee 1997-99, 1999-2000, 2002-2004, 2005-2007

Department

- Semester Transition Committee (2009 – 2012)
- Lab Safety Committee (2009-2011)
- ABET planning committee (2008-20011)
- Chair advisory committee (2007-2011)