The Department of Aerospace and Ocean Engineering requests applications for a tenure-track faculty position in Spacecraft Engineering at the level of assistant, associate or full professor. Applicants with research interests in any field of Spacecraft Engineering will be considered. Areas of particular interest include: Global satellite navigation systems, spacecraft-environmental interactions, spacecraft propulsion, power generation and storage, thermal modeling and control of space systems, multidisciplinary optimization of satellite structures, and spacecraft dynamics.

The successful applicant will have an opportunity to participate in a number of multidisciplinary programs, including Space @ VT (http://www.space.vt.edu/). Extensive computational resources are available at the university (www.arc.vt.edu/resources) and AOE department (www.aoe.vt.edu) levels.

Applicants must hold an earned doctorate in aerospace engineering, mechanical engineering or a closely related field, and will be expected to develop a significant externally funded research program. Responsibilities will include establishing an internationally recognized research program demonstrated by publication, thesis management, and funding lines, directing graduate students, and teaching at both the undergraduate and graduate level in our Aerospace Engineering program. Information on resources for prospective faculty can be found at www.provost.vt.edu.

Virginia Tech, the land-grant University of the Commonwealth, is located in Blacksburg, adjacent to the scenic Blue Ridge Mountains. Blacksburg is consistently ranked among the country’s best places to live (www.vt.edu/where_we_are/blacksburg/). It is a scenic and vibrant community nestled in the New River Valley between the Alleghany and Blue Ridge Mountains. The town is near to state parks, trails, and other regional attractions of Southwest Virginia, renowned for their history and natural beauty. The University has a total student enrollment of 31,000, with 8,600 students in the College of Engineering.

Review of applications will begin on January 15th, 2015 and will continue until the position is filled. Interested persons should apply on the Internet at jobs.vt.edu (posting number 0122467) along with a cover letter, current curriculum vita and the names and addresses of three references. All inquiries can be sent to: Prof. Joseph Schetz (ptiger@vt.edu), Chair, AOE Space Engineering Faculty Search Committee, Aerospace and Ocean Engineering at Virginia Tech, 215 Randolph Hall 0203, Blacksburg, VA 24061.

Virginia Tech is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University responds to the needs of dual career couples and has a variety of policies in place to provide flexibility for faculty careers. Virginia Tech has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities. Individuals with disabilities desiring accommodations in the application process should notify Mrs. Amy Burchett at (540) 231-9057.