

Speaker Profile

<p>Contact Details:</p> <p>SBIR/STTR Division of Industrial Innovation and Partnerships National Science Foundation 4201 Wilson Boulevard, Suite 590 Arlington, VA 22230 Phone:(703) 292-4759 Fax: (703) 292-9057 Email: tjrudd@nsf.gov http:// www.nsf.gov/eng/sbir</p>	<p>T. James Rudd, Ph.D Program Manager (Expert), SBIR/STTR</p> <p>Dr. Rudd joined the National Science Foundation (NSF) in July 2001 as a Program Manager in the Small Business Innovation Research Program, a \$105 million grant program supporting small business development in advanced materials and manufacturing, biotechnology, electronics and information technology. At NSF he specializes in electronics technology and manufacturing and has overall responsibility for grants involving nanotechnology. He is a member of the Nanoscale Science, Engineering and Technology (NSET) subcommittee of the President's National Science and Technology Council. He is also responsible for the SBIR/STTR MatchMaker program at NSF, which matches grantee companies with investors and industrial partners to aid in commercialization.</p> <p>Before joining NSF, Dr. Rudd spent over twenty years in senior R&D management positions in the manufacturing industry involving advanced materials; electronics; and special machinery. His last position before joining NSF was Corporate Director of Technology for Dexter Corporation, a Fortune 500 specialty materials company headquartered in Connecticut specializing in adhesives and composites, electronic packaging materials, non-wovens and cell culture and molecular biology products. Prior to that Dr. Rudd was Vice President of Technology and Engineering for Mallory Controls an electrical/electronics unit of Emhart Corporation, a multinational, widely diversified producer of industrial and consumer products, and information and electronic systems. Earlier he was a Division Manager at ENSCO, Inc a small company specializing in instrumentation and testing for transportation systems. Prior to that he was a Member of the Technical Staff of Bellcomm, a unit of Bell Laboratories, working on the NASA Apollo program and with the AT&T Switching Systems Group in Holmdel, NJ.</p> <p>Dr. Rudd received his Ph.D in Applied Mechanics from the University of California at Berkeley, and his MBA in Industrial Marketing from the University of Hartford.</p> <p>A native of the U.K., Dr. Rudd received his engineering training with the Dowty Group, an aerospace and hydraulics company, and obtained his B.Sc. with honors in Mechanical Engineering from London University. He taught engineering at the college level before emigrating to the U.S. in 1965.</p> <p>He is a member of the ASME, AIAA, IEEE, ACS, TMS and IMechE (U.K) and past member of the Board of Directors of the Industrial Research Institute and the Board of Trustees of the Science Center of Connecticut.</p>
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