



BIOGRAPHY

Alton (Al) D. Romig, Jr.
Senior Vice President & Deputy Laboratories Director for
Integrated Technologies & Systems

Dr. Alton D. Romig, Jr., is currently Senior Vice President and Deputy Laboratories Director for Integrated Technologies and Systems at Sandia National Laboratories, Albuquerque, New Mexico.* His responsibilities include the leadership and management of development and engineering activities that provide science, technology, systems, and expertise in support of US Programs in military technology; proliferation prevention; technology assessments; counterintelligence; energy science, resources, conservation, and infrastructure assurance; and homeland security. The portfolio includes support to the US Departments of Energy, Defense, State, Justice, Homeland Security, the Intelligence Community, and the Nuclear Regulatory Commission. The work includes international engagement such as through the International Atomic Energy Agency (IAEA).

Dr. Romig is a member of the National Academy of Engineering and is active on a number of National Academy of Engineering/National Research Council Committees and Boards. He is a Fellow of the American Association for the Advancement of Science (AAAS) and TMS (The Metals, Minerals and Materials Society). Dr. Romig is also Fellow and former President of ASM, International (formerly American Society for Metals). He is a Senior Member of IEEE (The Institute of Electrical and Electronics Engineers). Dr. Romig also serves on the Boards of Atomic Weapons Establishment Management Limited, a Lockheed Martin joint venture company in the UK and Technology Ventures Corporation, a Lockheed Martin subsidiary dedicated to technology commercialization. He is a member of the Intelligence Advisory Board, an advisory body to the Director of National Intelligence, and has served on Defense Science Board Study committees.

Dr. Romig is the recipient of the 2005 National Materials Advancement Award from the Federation of Materials Societies, an award which recognizes outstanding contributions to national materials policy. He is also the 2005 Acta Materialia, Inc., J. Herbert Hollomon Award winner for outstanding contributions to materials science and society. Dr. Romig has also been named the 2003 ASM-TMS Distinguished Lecturer in Materials and Society. For his pioneering work in analytical electron microscopy and solid state diffusion, Dr. Romig has received several awards, including the Burton Medal (1988 - Microscopy Society of America); the K.F.J. Heinrich Award (1991 - Microbeam Analysis Society); the ASM Silver Medal for Outstanding Materials Research (1992); and the Acta Metallurgica International Lectureship (1993-1994).

He received his B.S., M.S., and Ph.D. degrees in materials science and engineering from Lehigh University in 1975, 1977, and 1979, respectively. In 1979, he joined Sandia National Laboratories as a member of the technical staff. After a variety of management assignments, he was named Director, Materials and Process Sciences in 1992. From 1995 to 1999, he was Director of Microsystems Science, Technology, and Components. From 1999 to 2003, he was named Chief Technology Officer and Vice President for Science, Technology, and Partnerships. In that role, he was Chief Scientific Officer for the Nuclear Weapons program, accountable for Sandia's interactions with industry and academia. In addition, he was responsible for the Laboratory Directed Research & Development program. In 2003, he was named Vice President, Nonproliferation and Assessments. He served in this capacity until attaining his present position in 2005.

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