

Tom Siewert

Group Leader, Materials Reliability Division NIST



Education:

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| ■ B.S. | Applied Math and Phys. Univ. of Wis.- Milwaukee | 1969 |
| ■ Ph.D. | Metallurgy Univ. of Wis. - Madison | 1976 |

Experience:

Government: Leader of structural materials and process sensing groups at NIST since 1984.

- Publications in the areas of joining, cryogenic properties, nondestructive evaluation, and mechanical properties
- Leadership in conference and workshop organization committees, Active in various societies.

Industry: Supervisory Research Engineer, then Manager of Research and Development, Alloy Rods (welding filler metal developer) 1976 to 1984.

Academic: Active with a number of Universities

- Teaching short courses in Materials, Welding, and NDE for OSHA inspectors (OSHA Training Institute), about 20 one-day courses since 1989.
- Member of the Industrial Advisory Board of the Department of Mechanical and Materials Engineering, University of Denver
- Member of the Industrial Advisory Committee of the Department of Mechanical Engineering, University of Colorado, Boulder
- Adjunct Professor and Research Scientist in the Metallurgical and Materials Engineering Department, CSM

NIST

The **Materials Reliability Division** (MRD) is one of five divisions of the **Materials Science and Engineering Laboratory** (MSEL) of the **National Institute of Standards and Technology** (NIST). MRD is the sole MSEL Division at the NIST Boulder Laboratories site. The Materials Reliability Division develops and demonstrates measurement technologies and standards which enable the producers and users of materials to improve the quality and reliability of their products. Measurement technologies are developed for process control to improve the quality and consistency of materials, nondestructive evaluation to assure quality of finished materials and products, and materials evaluation to assure reliable performance.