# David Fry named as a Fellow of the American Society for Nondestructive Testing

April 4, 2018

## David Fry named as a Fellow of the American Society for Nondestructive Testing

The American Society for Nondestructive Testing (ASNT) has recognized David Fry of Non-Destructive Testing and Evaluation (AET-6) as a Fellow at the ASNT's Annual Conference in Nashville, TN on November 1, 2017.

The ASNT Fellow Award acknowledges and honors members for outstanding service in the field of nondestructive testing. Recipients must have a history in the nondestructive testing fields of research and development, application, teaching, and/or management. At least 15 years of professional nondestructive testing-related experience and at least 10 years of ASNT membership are required. The ASNT selects up to fifteen recognitions each year, provided all nominees have met the established guidelines. Fry was one of nine new Fellows in 2017.

### Fry's achievements

Fry joined the Lab in 1989 after receiving his Master's degree in nuclear engineering from The Ohio State University. He has worked in nondestructive testing his entire career (five different groups all at the Lab's TA-8 site). Fry began his career at Los Alamos by assisting Hercules Corporation with a problem with the MX missile. He developed a new x-ray imaging technique that identified the issue and indicated the corrective action. Subsequently, Fry worked on the final eight nuclear tests at the Nevada Test Site before testing ended. He then built and delivered a mobile radiography capability for the Russian Federation's nuclear weapons accident response program under the Nunn-Lugar Act. Fry has qualified five radiographic processes for the Pit Manufacturing program, including one used at Lawrence Livermore National Laboratory. He participates in the Accident Response Group and Disposition Forensics Evaluation and Analysis Team programs and has been the Nondestructive Evaluation lead since 1991.

Fry has been involved in the development of radiography standards through ASTM International since 2005 and chairs the Reference Radiological Images subcommittee. He developed the standard for microfocus x-ray focal spot measurement with

colleagues from the German Institute for Materials and Testing. Recently, Fry has been upgrading the radiography equipment at the Device Assembly Facility (DAF) at the Nevada National Security Site. He is an expert throughout the NNSA enterprise assisting with work at Pantex, Y-12, and Sandia as well as DoD facilities. Fry has led several CRADAs and Work for Others projects in areas of x-ray detectors, analysis of rock fall protection fences, and airbag development. He has received 15 NNSA Defense Programs Awards of Excellence, 2 Laboratory Pollution Prevention Awards, and the ASTM International's Charles Briggs Award.

## About the American Society for Nondestructive Testing

The American Society for Nondestructive Testing, Inc. (ASNT) is the world's largest technical society for nondestructive testing (NDT) professionals. It provides a forum for exchange of NDT technical information, educational materials and programs, and standards and services for the qualification and certification of NDT personnel. ASNT promotes the discipline of NDT as a profession and facilitates NDT research and technology applications.

ASNT was founded in 1941 under the name of The American Industrial Radium and X-Ray Society. It currently has a membership of more than 16,000 in over 10 countries. The membership represents a wide cross-section of NDT practitioners working in manufacturing, construction, education, research, consulting, services, and the military.

## For more science news, see the Science Highlights.