

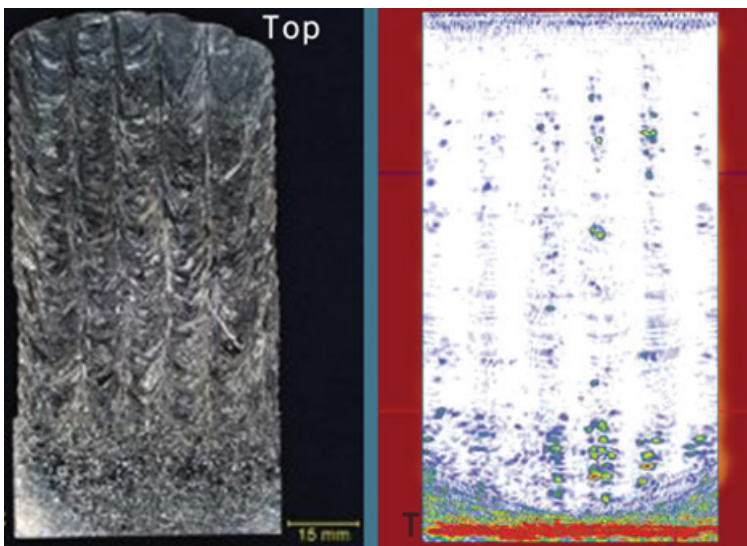
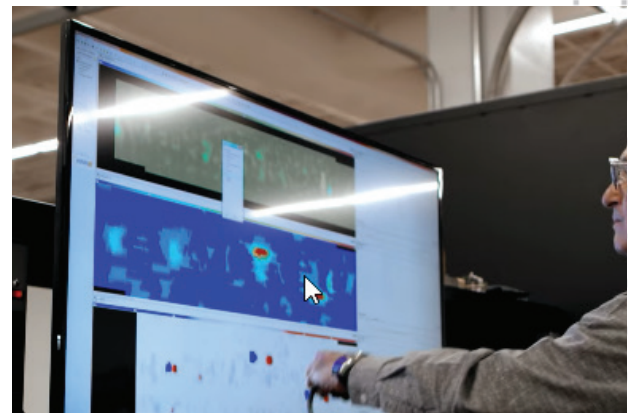
EWI RESEARCH AND CONSORTIA:

Nondestructive Testing Technology & Training Consortium

The EWI Nondestructive Testing Technology & Training Consortium (NDT Consortium) will bring together a diverse group of NDT end users, NDT technology suppliers, researchers, and stakeholders across academia and industry to positively impact NDT technology through organized and focused consortium activities.

Increased demand for nondestructive testing (NDT) in manufacturing is driving innovation in both testing equipment and procedures. Recent advancements in NDT technology have enabled the use of image and signal processing procedures in conjunction with conventional testing methods. The excessive dependence on technical experts for installation and operation coupled with the lack of a skilled workforce, however, is a major deterrent for market growth. This is especially the case in emerging markets.

The goals of the **EWI NDT Consortium** are to accelerate and advance NDT technology readiness levels and to promote innovation, advanced training, strategic collaboration, and specialized knowledge exchange by connecting subject experts from academic, industry, and government research centers. Consortium activities will support industry thought leadership, expertise, and cooperative R&D to make an impact in innovative inspection methods by connecting scientific breakthroughs with NDE technology.



MEMBER BENEFITS

The NDT Consortium is actively seeking members to participate in setting the priorities to launch the research program. Member benefits will include the following:

- Direct your funding toward your company priorities
- Own the data and intellectual property created on your sponsored projects
- Opportunity to collaborate with other sponsors on projects
- Access to a diverse partner network
- Reduce risk by leveraging government/industry funding sources
- Professional project managed to stay on budget, schedule, and deliverables
- Transition from precompetitive research to company-specific proprietary development

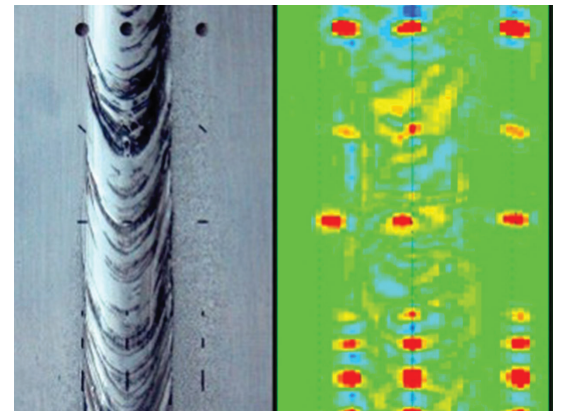
Proposed Research

The following are possible projects for the inaugural year:

- *Maximum Sensitivity Total Focusing Method Inspection Approach (current project)*
- *Inspection of Thick Section Components with Challenging Grain Structure (proposed project)*
- *Augmented Reality and Mixed Reality for NDT (proposed project)*
- *Thermography Imaging Based on Equivalent Wave Field Transform (current project)*
- *NDE Methods for Inspecting Polymer and Composite Piping (proposed project)*

About the Organizer

The NDT Consortium is an initiative of EWI, a nationally recognized technology innovator with a 35-year track record in manufacturing technology development and commercialization, serving a broad range of commercial and government clients. For more than a decade, EWI has worked with companies to develop and implement advanced NDT technologies. EWI also operates successful public-private partnerships leveraging industrial and government funding sources to accelerate technical innovation and share the risk. EWI has a portfolio of background IP which will be leveraged to seed the innovations.



Get Started

For more information about joining the **EWI NDT Consortium**, please contact:

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