

## **Timothy Niemeier**

Niemeier is vice president of Adapt Laser Systems, a company specializing in advanced laser technology for industrial cleaning and coating removal, with portable lasers available from 20 to 1000 watts.

Niemeier's experience includes over thirty-five years in industrial surface preparation as well as the preservation of historic structures and monumental buildings. His positions have included, project management, new process development, corporate safety officer, technical services director and executive management.

He began working with lasers for architectural applications 15 years ago. For the past 11 years his work has focused exclusively on lasers for cleaning and de-coating process improvements with major manufacturers, the DoD, universities, conservators and museums. He works closely with the US Army as well as Navy shipyards from coast to coast to implement laser surface preparation in the shop and shipboard. In the nuclear power industry, he helps plant operators develop new methods for radiological decontamination using lasers to reduce worker dose rates and rad-waste disposal. He works with those responsible for environmental, health and safety to develop safe work practices and procedures. He's trained hundreds of individuals on Class 4 laser safety along with proper equipment use and care for qualification as authorized laser operators. He's provided laser systems that have been used for the preservation of some of the most prominent national landmarks in the US and Canada.

Niemeier has been a speaker on laser surface preparation technology at many industry and DoD conferences, including; NACE, SSPC, the National Shipbuilding & Research Program, Navy Corrosion Control Conferences, Fleet Maintenance Symposium, NPCA Marine Coatings Conference, SAIL -Shipyard Applications for Industrial Lasers, MIT and many others.

Member: SSPC, Laser Institute of America – Certified Industrial Laser Safety, Laser Safety Officer