



# American Welding Society Pittsburgh Section

OCTOBER 28, 2024

SPARK UPDATE

2024/2025 NUMBER 5

## Chairman's Announcement

The Pittsburgh AWS Section is proud to present a full line up of plant tours and technical presentations for its members for the 2024– 2025 year.

I hope that you will find these scheduled meetings of interest and plan to attend. If you have any ideas for our chapter or suggestions for a future meetings or plant tours, please contact any of our Board members.

Thank you,

Don Stoll - Chairman, Pittsburgh AWS  
stoll10@comcast.net

## November Technical Meeting: Annual Joint AWS/ASM Meeting Thursday November 14, 2024

**Topic: Introduction to NobelClad and the Explosion Welding Process**

**Speaker: Chris Wilson; Global Director for Nobleclad**

Join us for our annual AWS/ASM joint meeting hosted this year by ASM. The presentation will cover an overview of the explosion welding process, focusing on NobelClad's proprietary DetaClad™ technology. This method involves using controlled explosions to bond different metals into layered composites, creating materials that offer enhanced corrosion resistance, strength, and durability. We will discuss key aspects of the process, such as material inspection, surface preparation, assembly, and final testing. The benefits of explosion welding in industries like oil & gas, chemical processing, and marine applications will also be highlighted, emphasizing its efficiency and ability to join incompatible metals.

## About the Speaker:

Chris Wilson is the Global Director of Research and Development at NobelClad, the world leader in explosion welding and metal composite cladding. With over 30 years of experience in the metals industry, including more than 20 years specializing in titanium and reactive metals, Chris has held key roles in operations, sales, quality assurance, and technical service. He holds a bachelor's in metallurgical engineering and an MBA from the University of Pittsburgh and is a certified lean six sigma black belt. As Chair of the ASTM B10.01 Titanium Metals Committee and Vice Chair of the ASTM B10 Reactive Metals Committee, Chris plays a significant role in advancing titanium standards while representing NobelClad at the Materials Technology Institute. His leadership has driven successful global research strategies, increased productivity, and business growth.

**Meeting Date:** Thursday November 14, 2024

**Meeting Time:** Doors open 5:00; German Buffet Dinner 6:00 PM followed by presentation.

**Meeting Location:** Teutonia Mannerchor  
857 Phineas St.  
Pittsburgh, PA 15220

Register to attend at

<https://www.eventbrite.com/e/1067221882379?aff=oddttdtcreator>

We hope to see you there.

Don Stoll - Chairman, Pittsburgh AWS

stoll10@comcast.net

Next Meeting – January Technical Meeting - Annual Past Chairmen's Night

Date: January 14, 2025

Location: TBD

Details will be announced in the January issue of "Spark"

## AWS Seminars & Exam Schedule

The Pittsburgh Section hosts several Certified Weld Inspector (CWI) seminars & exams in 2024. Location and registration information is available on the AWS.org website.

TYPE	SEMINAR	EXAM (Part B)	SITE CODE
CWI	Feb 2-7 2025	Feb 8, 2025	PA00725
CWI (9 Yr)	Feb 23-28, 2025	Feb 28, 2025	YS10625
CWI	April 6-11, 2025	April 12, 2025	PA12525