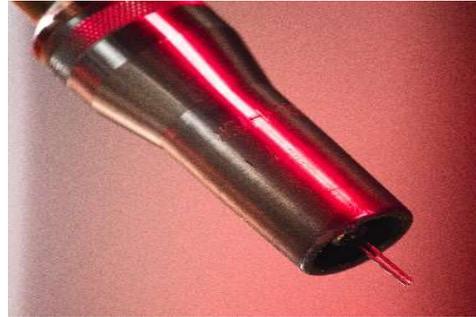
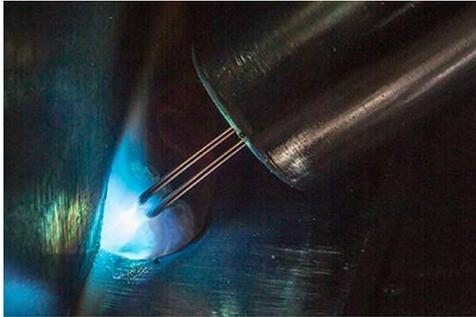




AWS Columbus Section Presents HyperFill – High Deposition GMAW Welds

Thursday, April 9, 2026



ABOUT THIS TALK

Ever wonder why increasing wire feed speed eventually makes your weld worse, not better? The ceiling on single-wire MIG deposition isn't operator error — it's physics. Twin-wire processes attack that ceiling directly, splitting the current load between two electrodes to sustain a stable arc at deposition rates that a single wire simply can't reach. The result is faster fill, lower heat input per unit of deposited metal, and a process that scales to the demands of heavy structural and high-volume fabrication without the penalties you'd expect. At this section meeting, Kent Johns walks us through the engineering behind how it actually works — arc dynamics, wire interaction, parameter relationships — the kind of detail that lets you evaluate whether a process is right for your application. Kent works with Lincoln Electric's implementation of the technology, HyperFill, which gives him deep hands-on familiarity with real-world performance; the underlying principles, however, apply broadly across the category.

FEATURED SPEAKER

Kent Johns — Application Engineer, Lincoln Electric

Kent brings decades of real-world application experience to the stage. A Chemical Engineering graduate of The Ohio State University, he's spent the bulk of his career working hands-on with heavy fabrication and structural welding customers — translating cutting-edge technology into practical, shop-floor solutions. Expect a technically grounded presentation with plenty of room for questions.

MEETING DETAILS

- **Date:** Thursday, April 9, 2026
- **Where:** Hofbrauhaus
800 Goodale Blvd, Columbus, OH 43212
- **Schedule:** 6:00–6:30 pm Social
6:30–7:00 pm Dinner
7:00–8:00 pm Lecture
- **Cost:** \$25 AWS Members | \$35 Non-Members
\$15 Students
Cash or check at the door
- **RSVP by:** April 1, 2026
hcastner@columbus.rr.com

PARKING & DIRECTIONS



The venue is 800 Goodale Blvd. Eastbound Goodale does not permit a left turn onto Rail St.

✓ Enter from Rail Street

Rail St is the first street west of Olentangy River Rd, just past the railroad tracks.

GPS Tip: Navigate to 788 Rail St, Columbus (parking lot entrance).