
The subject meeting for November 15 has been rescheduled. Heat Treater's Night is rescheduled for our January 17 meeting.

Subject: ASM Akron November Meeting - Why did ancient Japanese swordsmiths make such great swords?

Please join the ASM Akron Chapter for Heat Treater's Night on Wednesday, November 15, 2023.

Speaker: Joe A. Powell, Chairman of the Board, Akron Steel Treating Company and IHTSAkron

Topic: Why did ancient Japanese swordsmiths make such great swords?

Their unique combination of Heating + Beating + "Instant-Impact" Quenching + Tempering have definitely stood the test of time.

Using DANTE Solutions metallurgical modeling tools, new point cloud mapping metrologies, and Integrated Heat Treating Solutions' 21st Century technologies, we can now design heat treated and forged parts to take advantage of the same methods used by Japanese swordsmiths to impart better properties in modern heat treated and forged parts – parts with finer hardened grains that are reinforced with residual compressive surface stresses to keep the "cutting edge" from failing.

Location: New Era Café, 10 Massillon Rd. Akron, OH 44312 330-784-0087

Networking begins at 5:00 p.m., **Dinner** at 6:00 p.m. **Presentation** 7:00 p.m.

Cost: \$35 Members/Spouses/Retirees; \$40 Non-Members/Guests; \$20 Students (High School – Undergraduate). **Note:** Cash or check only; credit cards are not accepted.

Dinner Buffet: Chicken Paprikash, Cabbage Rolls, Potatoes, Vegetables, Salad, Coffee/Soda and Dessert. **Please specify if you require a vegetarian dinner with your reservation.**