

Please join the AIChE National Capital Section for a tour of

The historic [Catoctin Furnace](#) and [Harriet Chapel](#)

Beginning at the **Museum of the Ironworker**

[12610 Catoctin Furnace Road](#)

[Thurmont, Maryland 21788](#)

(about 10 miles north of Frederick)

10 a.m. Saturday, September 7

\$13 per person; guests of AIChE members welcome

Register by Eventbrite: [\[link\]](#)

Park in the gravel area across the street from the Museum of the Ironworker (the small white stone building), then cross the street and join us inside the Museum (which opens at 10). We'll enjoy a tour of about an hour covering the museum, the furnace area, the iron (slag) trail, and charcoal production, followed by a brief tour of the equally historic Harriet Chapel. Bring walking shoes!

**Required reading!** To supplement the tour, see the **attached** comprehensive article by NCS member Steve Tzikas, to whom all credit for this field trip goes. It covers the chemistry and process of iron smelting, the various sites around Catoctin Furnace, and the crucial role of regional geology and transportation in the chemical process industries.

Catoctin Furnace is an outstanding example of early chemical and metallurgical engineering in the area. Between 1774 and 1903, cannonballs, stoves, and other items were produced here by enslaved and free African Americans, European immigrants, and their descendants. The village is maintained and interpreted by the Catoctin Furnace Historical Society in partnership with Cunningham Falls State Park.