

REGISTRATION OPEN!

**June 6 – 7, 2024
Denver, Colorado, USA**

Many, if not most, industrial processes are designed to preheat the feed streams with heat recovery from the product and byproduct streams. Sometimes waste heat is used to generate steam for facility heating and electric power generation. Heat recovery equipment is often inefficient, and most of the low temperature waste heat (less than 250 °C) is not used. It is estimated that 20 to 50% of the energy consumed in industrial processes is discharged as waste heat.

This heat can be discharged with the flue gas, with the cooling water, and ultimately to the environment as an increase in ambient air temperature.

Technology development can improve utilization of waste heat. Improvements in heat recovery equipment can reduce energy consumption, and new applications for using low-grade waste should be developed.

This symposium explores the opportunities to expand waste heat recover, especially at lower temperatures, and how to overcome the challenges associated with it.

TOPICS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

- Organic Rankine cycles
- Absorption chillers
- Mechanical vapor compression heat pumps
- Novel heat exchanger technologies
- Efficient combined heat and power cycles
- Thermal storage solutions
- Geothermal power
- Carbon capture processes using waste heat



Four Seasons Hotel Denver

Featuring deluxe accommodations, the Four Seasons Hotel Denver is located about 30 minutes from Denver International Airport (DIA), in the middle of Denver's bustling Theatre District. This urban retreat offers its guests easy access to some of the city's best dining and entertainment.

www.fourseasons.com/denver

Register and pay by
March 15, 2024 to receive
a 10% discount off the
US\$650 registration fee.

Phone:
979.690.5050

Email:
Horizons@htri.net