Course Fee: US$450

This workshop is devoted to the shell-and-tube exchanger geometries handled only by ***Xist***. The course focuses on the extensive options available in ***Xist*** and how you can use these methods effectively to solve several example problems. You will leave the class knowing how to take full advantage of the features this robust tool offers.

Key Topics

- Overview of ***Xist*** interface and the benefits of HTRI methods
- Process specifications rules for rating, simulation, and design
- Guidelines for specifying fluid properties
- Description of ***Xist*** geometry input parameters and their defaults
- Interpretation of ***Xist*** outputs for validation of unit performance

Suggested Participants

Designers of shell-and-tube heat exchangers and process engineers who evaluate their performance

Course credits: 6 hours (PDH/CEU)

Outline

I. Introduction
- Applications of ***Xist***
- Overview of thermal performance prediction

II. Process Conditions
- Case mode selection
- Process specification

III. Fluid Properties
- Property input options in ***Xist***
- Guidelines for fluid property specification

IV. Geometry
- Key geometry input features in ***Xist***

V. Program Outputs
- Output Summary, Runtime Messages, and other reports