Title: CORRUGATED TUBES

Position Ref: CT

Position Availability: 1 student

Project Description:
A characteristics of pressure drop in corrugated tubes will be investigated experimentally and numerically. Experiments will be conducted at a company located in Dudullu, Istanbul while CFD is performed at Yeditepe University.

Work Description:
- Working with the test setup to measure pressure drops for corrugated tubes with various diameters
- Taking and analyzing data
- Grid generation for a section of a corrugated tube
- Running FLUENT
- Comparing experimental and numerical results
- Writing a report

Required Qualifications and Skills:
- Knowledge on fluid mechanics, measurement technique and FLUENT
- Academic research and report writing skills