

## Pressure drop calculation with FLUIDFLOW software

### Objective

Discover the FLUIDFLOW functionalities for piping network design and pressure loss calculation

### Intended audience

Process engineers, technicians concerned by piping design and fluid networks optimization

### Program

#### Introduction

#### Software Overview

- Basic equations and theoretical concepts
- Flowsheet building, data input, results display and analysis
- Main functionalities of the software for incompressible fluids calculations

#### Advanced use

- Database management (fluids, equipment, pipes, valves, materials...)
- Heat transfer calculation
- Combination or Mixing of Fluids
- Compressible Flow
- 2-Phase Liquid/Gas

#### Non-Newtonian & Settling Slurry calculation

- Non-Newtonian/non-settling liquids: theoretical concepts implemented in the software
- Case studies with non-Newtonian fluids
- Case studies with settling slurries

### Teaching methods

- Training is based on documents (slides and teaching aid) given to the trainees
- The trainees will apply the theory to solve a wide range of practical case studies with the software

### Prerequisites

- Basic knowledge of fluid mechanics

### Duration

2 days

### Registration fee

1250 € (excl. taxes)

### Dates

- May 18-19 2020
- December 7-8 2020

### Venue

Orléans, France

### Advantages

- Practical approach of FLUIDFLOW networks
- Training in French

CASPEO could run all training courses at a date and at a location that suit you. On demand, courses could be customized to address your organisation's interests.

# REGISTRATION FORM

To send back by e-mail or postal mail

Tel: +33 (0)2 38 64 31 96 - E-mail: [info@caspeo.net](mailto:info@caspeo.net)

CASPEO - 3 Avenue Claude Guillemin - BP 36009 - 45060 ORLEANS CEDEX 2 - FRANCE

## INFORMATION ABOUT THE TRAINING SESSION

Training session

Date

Price

How did you hear about it?

## COMPANY INFORMATION

Name

Address

Zip code

City

Country

VAT No

(for European country)

## PARTICIPANT INFORMATION

Name

Surname

Position

Phone

E-mail

Name

Surname

Position

Phone

E-mail

Date

Signature

**For any cancellation, less than 10 days before the start of the training session, 50% of the price will be invoiced.**