

# Continuous Flight Auger (CFA) Cased Piles (CAP) - Secant Piles (CSP)



The course provides specific knowledge about the technology, the related application fields and also the various kinds of machines used.

## Course topics

### General topics:

- Soil & rock classification and characteristics
- Geotechnical application fields
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 1536
- Acquisition and use of electronic processing parameters (DMS)
- Case histories

### Specific topics:

- Equipment and techniques related to the working conditions
- Processing stages
- Advantages and limitations
- Technology variants
- Related design choices and geometrical controls
- Concrete and steel controls
- Process and product tests

### Extra Technology Packs (on demand):

- Displacement Pile
- Soil deep mixing

#### Duration

**3 days**

#### Languages

**English, Italian  
or any other language upon  
client's request**

#### Location

**Cesena (FC) - Italy  
or any customer's site**

#### Audience

**Site managers ;  
Field engineers;  
Foremen;  
Rig supervisors.**

#### Prerequisites

**Experience in engineering  
foundation sector preferred  
but not essential**

#### Learning objectives

**To develop a technical and  
working knowledge of the  
technology;**

**To analyze the jobsite layout  
and the equipment;**

**To enhance the knowledge of  
construction phases and field  
applications;**

**To learn how to manage  
safety, quality and  
environment for the  
technology;**

**To acquire knowledge for  
troubleshooting.**