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## TRAINING

# Process modelling and simulation with USIM PAC software

## For mineral industry applications

### OBJECTIVE

Discovering the USIM PAC software functionalities for design and optimization

### INTENDED AUDIENCE

Process engineers, technicians, students concerned by process design and optimization

### OUTLINE

#### Introduction

#### General presentation of USIM PAC software

- Functions/How to use it? / Data structure
- «Guided tour»
- Data input and result display functions

#### Modelling and simulation of grinding / classification circuits

- Case study #1: Preliminary design of a grinding circuit

#### Mass balance reconciliation

- Principle/Data used/Algorithm
- Examples

#### Modelling and simulation of a concentration circuit

- Case study #2: Optimization of a grinding and flotation circuit

#### Other case studies (selection based on attendees profile)

### TEACHING METHODS

- Training is based on documents given to the trainees
- Using specialized software products, trainees will apply the theory to solve industrial case studies

### PREREQUISITES

- Computing: Use of spreadsheet software (such as Microsoft Excel)
- Process: Basic notions on main equipment, physical and chemical process of mineral

### DURATION

3 days

### REGISTRATION FEE

1780 € (excl. taxes)

### DATES

- March 26-28, 2019
- November 19-21, 2019

### VENUE

Orléans, France

### ADVANTAGES

- Practical approach of simulation
- Training in French, English or Spanish



REGISTER

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## REGISTRATION FORM

**To send back by e-mail or postal mail**

Tel : +33 2 38 64 31 96 - E-mail : 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.**

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