

# Conventional Offshore

# TPA

Total Professeurs Associés

Supported by



**TOTAL**

## Offshore Platforms

In 4 halfdays – Alain Quénelle

# Conventional Offshore Platforms

## ◆ Classification

- Mobile platforms and Fixed platforms

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- Main definitions

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## ◆ Design and Fabrication

- Regulations and Design.

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- Steel , Nodes , Assembly, Load out

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## ◆ Installation

- Launching ,Lifting, Foundations

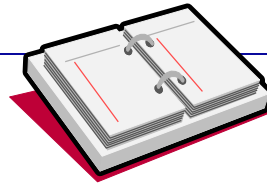
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- Topsides

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# Conventional Offshore

## Offshore Platforms



10<sup>th</sup> of March (8:00 to 12:00)

### ◆ Mobile Platforms

- Jack up
- Semisubmersibles
- Dynamic positioning

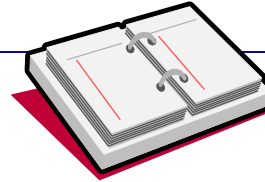
### ◆ Fixed Platforms in Concrete

- GBS
- Swimmer

### ◆ Fixed Platforms in Steel

- Main definitions
- Classification

# Conventional Offshore Offshore Platforms



11<sup>st</sup> of March (08:00 to 12:00)

## ◆ Design

- Regulations
- Some challenges

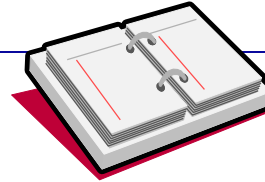
## ◆ Fabrication

- Steel
- Nodes : Plates and welded or Casted
- Yard ,Roll up Assembly

## ◆ Load Out

- Jacking or pulling
- Sea fastening

# Conventional Offshore Offshore Platforms



12<sup>st</sup> of March (8.00 to 12.00)

## ◆ Installation

- By Launching
- By Lifting

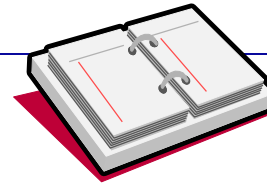
## ◆ Foundations

- Piling
- Bucket Foundations

## ◆ Topsides

- Modules
- Integrated deck

# Conventional Offshore Offshore Platforms



13<sup>th</sup> of March

- ◆ **From 8.00 to 9.00**
  - Exam
  
- ◆ **From 14.00 to 15.30**
  - Workshop
  - Results of the exam
  
- ◆ **From 15.30 to 16.00**
  - Certificates ceremony