



## IAESTE PORTUGAL

Instituto Superior Técnico

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## WORK OFFER

Ref. No. **PT-2017-60**

### Employer information

*Employer:* Laboratory of Separation and Reaction Engineering  
Laboratory of Catalysis and Materials  
Faculty of Engineering of University of Porto

*Website:* <http://lsre.fe.up.pt/>  
*Location of placement:* Porto  
*Number of employees:* 800  
*Working hours per week:* 35  
*Number of working days per week:* 5

*Business or products:* R&D

### Student required

*Field of study:* Chemical Engineering

*Study Level:*  Beginning (1-3 Semesters)  
 Middle (4-6 Semesters)  
 End (7 Semesters and Over)

*Specialization:*

*Language required: English*  Excellent  
 Good  
 Fair

*Other Requirements:* M.Sc. students only

Other Language:

### Work offered

*Work description:*

Student may choose from on-going projects in four major areas.

CYCLIC ADSORPTION AND REACTION PROCESSES: Cyclic Adsorption Processes, Process Intensification.

PRODUCT ENGINEERING: Perfume Engineering, Microencapsulation, Agro-Food Valorisation, Mixing in Chemical Reactors, Polymer Engineering.

THERMODYNAMICS AND ENVIRONMENT: Chemical Engineering Thermodynamics, Water Management, Pollution control, Waste, Reuse, Recycling & Valorization.

CATALYSIS AND CARBON MATERIALS: Nanostructured carbon materials, Environmental catalysis, Energy and fuels, Catalysis for fine chemicals.

*Number of weeks offered:* 3 months

*Within the months:* 01/May/2017 to 31/December/2017

*Or within:* / / to / /

*Holidays:* 01/August/2017 to 31/August/2017

*Gross pay:* 745€ per full month

*Deductions to be expected:* None

### Accommodation

*Lodging will be arranged by:* IAESTE Portugal

*Est. cost of lodging:* 300€

*Est. cost of living incl. lodging:* 650€

### Additional information

### Nomination information

*Deadline for nomination:* 31/March/2017

*Please send nominations by:* Email([iaeste@tecnico.ulisboa.pt](mailto:iaeste@tecnico.ulisboa.pt))

*Date:* 16/January/2017

*On behalf of receiving country:*

*Silvia Santos*  
National Secretary