

**Job/Fellowship Reference:** C2008-IST/IDMEC.6

**Main research field:** Engineering

**Sub research field:** Mechanical Engineering

**Job summary:**

**IDMEC/IST-6: Power take-off equipment for wave energy converters**

The studies to be carried out within the framework of this proposal include the whole energy conversion chain, with special emphasis on the mechanical equipment (including its control), and its interaction, at the beginning of the chain, with the hydrodynamic process of wave energy absorption, and, at the end of the chain, with the electrical equipment. The final selection of candidates for the open positions will be subject to a decision from FCT.

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**Vacant posts:** 1

**Type of contract:** Contrato a termo certo

**Job country:** Portugal

**Job city:** Lisboa

**Job company/institute:** Instituto Superior Tecnico

**Application deadline:** 17 Setembro 2008

*(The Application's deadline must be confirmed on the Job Description)*

## **2. Dados de contactos da organização**

### **2. Organization contact data**

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**Organization/institute:** Instituto Superior Técnico-Instituto de Engenharia Mecânica

**Address:**

Av. Rovisco Pais, 1  
Lisboa - 1049-001  
Portugal

**Email:** [carlosmota-soares@dem.ist.utl.pt](mailto:carlosmota-soares@dem.ist.utl.pt)

**Website:** <http://www.idmec.ist.utl.pt/>

## **3. Habilitações académicas**

### **3. Required education Level**

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**Degree:** PhD - in related areas of the application field with

scientific publications and previous research experience are required in the application field

**Degree field:** Engineering

#### 4. Línguas exigidas

#### 4. Required languages

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**Language:** English  
**Priority:** Normal  
**Reading:** Good  
**Writing:** Good  
**Comprehension:** Good  
**Conversation:** Good

#### 5. Experiência exigida em investigação

#### 5. Required research experience

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**Main Research Field:** Engineering  
**Research Sub-Field:** Mechanical engineering  
**Years of Research Experience:** 3 years

#### 6. Juri

#### 6. Selection Committee

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**Name:** [Carlos A. Mota Soares](#)  
**Name:** [Luís Braga Campos](#)  
**Name:** [John T. McMullan](#)  
**Name:** [Tony Atkins](#)  
**Name:** [J. N. Ready](#)