

Job/Fellowship Reference: C2008-IST/IDMEC.8

Main research field: Engineering

Sub research field: Mechanical Engineering

Job summary:

IST/IDMEC.8: Hydrogen Energy Support Systems

The assessment and modelling of consumer uptake using novel techniques to:

- Analyse existing knowledge on patterns of technology acceptance as envisaged in hydrogen roadmaps
- Understand the underlying dynamics of the end use applications in the complex systems of hydrogen energy chains
- Simulate the behaviour of early adopters of hydrogen technologies
- Provide insights into modelling assumptions and to assess their reflections of reality.

The area covers the use of interactive and iterative mapping techniques including market research methodology using the approach of "Second Life" for the growth of hydrogen demand. 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

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

Address:

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

Email: cmferreira@cd.ist.utl.pt

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

3. Habilitações académicas

3. Required education Level

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

Language: English

Priority: Normal

Reading: Good

Writing: Good

Comprehension: Good

Conversation: Good

5. Experiência exigida em investigação

5. Required research experience

Main Research Field: Engineering

Research Sub-Field: Mechanical engineering

Years of Research Experience: 3 years

6. Juri

6. Selection Committee

Name: [Carlos A. Mota Soares](#)

Name: [Luís Braga Campos](#)

Name: [John T. McMullan](#)

Name: [Tony Atkins](#)

Name: [J. N. Ready](#)